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1920/21

OF THE
UNIVERSITY OF ILLINOIS

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The Alumni Record - March, 1921

PELLA, IOWA

CENTRAL COLLEGE

Incorporated Central University of Iowa

Established in 1853

Catalog 1920-1921

Published by authority of Central University of Iowa. Entered June 25, 1912, at Pella, Iowa, as second-class matter, under act of Congress of July 26, 1894.

The Alumni Record

CENTRAL COLLEGE

A college of the Reformed Church in America. Founded and Incorporated 1853. Transferred to the Reformed Church in America 1916.

College Calendar, 1920-1921

Announcements for 1921-1922

Entered at Pella, Iowa, as Second Class Matter

Vol. XX Pella, Marion County, Iowa No. 1

March, Nineteen Hundred Twenty One

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1921

January 5.....Wednesday, Instruction begins
January 24-26.....Monday-Wednesday, First Semester Examinations
January 27..Thursday, Day of Prayer for Colleges
January 28.....Friday, Second Semester begins
March 25.....7:40, Spring Vacation begins
April 5.....Tuesday, Instruction begins
May 30.....Monday, Memorial Day
June 8-10.Wednesday-Friday, Final Examinations
June 12.....Sunday, Baccalaureate Day
June 15.....Wednesday, Commencement Day
September 12.....Monday, Registration begins
September 14....Wednesday, Class Work begins
November 24....Thursday, Thanksgiving Recess
December 31..... Wednesday noon, Christmas vacation begins.

1922

January 4.....Wednesday, Instruction begins
January 23-25.....First Semester Examinations
January 26.Thursday, Day of Prayer for Colleges
January 27.....Friday, Second Semester begins
March 24...Friday noon, Spring Vacation begins
April 4.....Tuesday, Spring Vacation ends
May 30.....Tuesday, Memorial Day
June 7-9.....Final Examinations
June 11.....Sunday, Baccalaureate Day
June 14.....Wednesday, Commencement Day

BOARD OF TRUSTEES

Term Expiring 1921

Mr. John Rozenboom, Sioux Center, Iowa.
Rev. John H. Tietma, Rovk Valley, Iowa.
Rev. H. Heunnemann, Lenox, S. Dakota.
Rev. Peter Grooters, Little Rock, Iowa.
Rev. C. Kuyper, Cedar Grove, Wis.
Rev. J. Engelsman, Orange City, Iowa.
Mr. Jacob De Bruin, Pella, Iowa.
Mr. A. B. Van Houwelling, Pella, Iowa.
Mr. Peter Kuyper, Pella, Iowa.
Mr. A. Waechter, Pella, Iowa.
Rev. Peter Braak, Lansing, Ill.
Dr. F. W. Crew, Pella, Iowa.
Mr. J. F. Mowe, Pella, Iowa.
Prof. F. M. Frush, Pella, Iowa.
Rev. John A. Roggen, Monroe, S. D.
Rev. H. Achterman, Chancellor, S. D.
Mr. G. B. Kolenbrander, Pella, Iowa.
Mr. C. H. Wormhoudt, Pella, Iowa.
Rev. H. Pannkuk, Meservey, Iowa.
Rev. H. J. Pietenpol, Otley, Iowa.
Rev. H. M. Bruins, Pella, Iowa.
Rev. A. Wubbena, Peoria, Ill.
Mr. G. H. Gosselink, Pella, Iowa.

Terms Expiring 1922

Rev. S. Van der Werf, Holland, Mich.
Rev. George Schnucker, Applington, Iowa.
Rev. E. Aeilts, Little Rock, Iowa.
Rev. S. De Bruins, Oskaloosa, Iowa.
Rev. J. Wesselink, Pella, Iowa.
*Mr. K. De Jong, Orange City, Iowa.
Mr. Y. T. Van Niewaal, Pella, Iowa.
Mr. George G. Gaass, Pella, Iowa.
Mr. H. J. Van den Berg, Pella, Iowa.
Mr. J. N. Thompen, Grand Rapids, Mich.
*Rev. B. F. Brinkman, Cleveland, Ohio.
*Mr. R. R. Beard, Pella, Iowa.
Mr. William L. Brouwer, New York City.
Mr. H. A. Wagner, Buffalo Center, Iowa.
Rev. M. G. Nies, New York.
Mr. P. H. Van Gorp, Pella, Iowa.

*Deceased.

Term Expiring 1923

Dr. J. W. Beardslee, New Brunswick, N. J.
Rev. F. Lubbers, Sioux City, Iowa.
Rev. J. P. De Long, Alton, Iowa.
Rev. J. Van der Beek, Prairie View, Kansas.
Mr. P. G. Graas, Pella, Iowa.
Mr. A. C. Van Houweling, Pella, Iowa.
Mr. John Dykstra, Pella, Iowa.
Mr. Nickolas Bogaard, Pella, Iowa.
Rev. John Ossewaarde, Leighton, Iowa.
Mr. H. H. Geelhoed, Pella, Iowa.
Mr. Paul Synhorst, Pella, Iowa.
Mr. H. S. Keables, Pella, Iowa.
Rev. J. N. Naly, Orangeville, Ill.
Mr. J. H. Johnson, Des Moines, Iowa.
Mr. John Van der Waal, Pella, Iowa.
Rev. Isaac Van Westenburg, Fulton, Ill.
Rev. John Steunenberg, Orange City, Iowa.
Rev. A. Haverkamp, Sioux Center, Iowa.

THE FACULTY

Milton J. Hoffman, A. M., D. D., President.

Henry William Pietenpol, A. B., A. M., Dean.
Professor of Mathematics and Physics.

Elizabeth Adeline Graham, Ph.B., Dean of Women.
Professor of English Language and Literature.
Professor of Biblical Literature and Philosophy. To be appointed.

Foundation of the First Reformed Church, Pella, Iowa.

Thomas Harrison Liggett, A. B., M. S.
Professor of Biology and Chemistry.

George Francis Lee, A. M., B. D.
Professor of Greek and Latin.

Jacob Heemstra, A. B., A. M.
Professor of Psychology and Education.

Martha Firth, A. B.
Professor of History and Social Sciences.

Burton H. Woodford, A. M., B. D.
Professor of Modern Languages.

Cornelia Duiker, A. B.
Instructor in Academy Mathematics.

Mrs. Henry W. Pietenpol, A. B.
Instructor in Academy Latin.

Miss Mary Stevenson.
Instructor in Home Economics.

George Francis Sadler, Music B.
Professor of Piano, Pipe Organ and Harmony.

Mrs. T. H. Liggett, Mus. B.
Professor of Voice.

Carl Woodford, Mus. B.
Professor of Violin.

Ada M. Stow.
Director of Commercial Department.
Mrs. Carrie M. Halbert, Matron.
Marie Greiner, Librarian.

FACULTY COMMITTEES

Corrections in Faculty List

Julia Watson
Professor of Expression

Cornelia Duiker
Instructor in Academy
English.

Clara Reeverts
Instructor in Academy
Mathematics.

Administration committee ...

Commencement:

Pietenpol, Heemstra, Sadler, Miss Reeverts, Miss Watson.

THE FACULTY

Milton J. Hoffman, A. M., D. D., President.

Henry William Pietenpol, A. B., A. M., Dean.
Professor of Mathematics and Physics.

Elizabeth Adeline Graham, Ph.B., Dean of Women.
Professor of English Language and Literature.

Professor of Biblical Literature and Philosophy. To be appointed.

Four [illegible]

[illegible] and Harmony.

[illegible] Liggett, Mus. B.
Professor of Voice.

Carl Woodford, Mus. B.
Professor of Violin.

Ada M. Stow.
Director of Commercial Department.
Mrs. Carrie M. Halbert, Matron.
Marie Greiner, Librarian.

FACULTY COMMITTEES

Administration:
President, Dean, Dean of Women.

Religious Life:
Heemstra, Woodford, Miss Reeverts, Miss Duiker.

Chapel:
Lee, Miss Firth, Miss Stow, Sadler, Mrs. Liggett.

Social Life:
Miss Graham, Mrs. Pietenpol, Miss Stevenson, Liggett.

Literary Societies:
Liggett, Lee, Miss Duiker, Miss Firth, Miss Stevenson.

Library:
Miss Graham, Miss Greiner, Mrs. Pietenpol Woodford.

Athletics:
Pietenpol, Liggett, Miss Watson.

Course of Study and Catalog:
Administration committee and Registrar.

Commencement:
Pietenpol, Heemstra, Sadler, Miss Reeverts, Miss Watson.

The College of Liberal Arts

The College of Liberal Arts

TERMS OF ADMISSION

All candidates for admission to the College must be young men or young women of good character. and serious purpose. All such young people will find in Central a wholesome and stimulating atmosphere and an excellent opportunity.

Every student who desires to be admitted to Freshman standing as a candidate for a degree must either (a) present a certificate of graduation from some accredited high school or academy, or (b) pass an examination based on a four-years' course amounting in the aggregate to 15 units. The required elective units are:

English	3 units
Algebra	1 unit
Plane Geometry	1 unit
Natural Science	1 unit
History or Civics	1 unit
Elective	8 units
Total	15 units

The electives may be chosen from Languages, History, Science, Mathematics, Domestic Science, Agriculture, Commercial Subjects, Mistory of Music and Harmony.

Students who present only 14 units may be given conditional entrance, but all conditions must be removed before the student begins his second year's work. Students who present less than 14 units will be placed in the Academy until the requirement is completed.

Special Students—Students who do not desire to work for a degree, and who are lacking in the requisite credits for College entrance, may, by action of the Faculty, be admitted as special students in College classes, provided they satisfy the Faculty that they can pursue with profit the courses they select.

ADVANCED STANDING

Candidates for advanced standing from other colleges must present a letter of honorable dismissal and a certificate of work done and credit earned in each study. Work done in accredited colleges is accepted without examination for advanced standing and credit given the same as if done in this Institution. But the standing of the student is provisional, and a satisfactory grade of work must be done in this Institution to make the standing permanent. No student can secure a Bachelor's degree from this College who has not spent at least one year in residence above Sophomore year and secured at least twenty-four credits for the work done.

DEGREES

Three Bachelor degrees are granted, the Bachelor of Arts, Bachelor of Science and Bachelor of Music. All candidates for a degree fulfilling the requirements given at length below will be granted an A. B. degree. However, to the candidate majoring in the Science group, the B. S. degree will be granted if he thus prefers. The degree of Bachelor of Music will be granted to those who have completed the Diploma Course prescribed by the Conservatory of Music, and in addition thereto have received credit for not less than 30 of the 120 hours of work in Liberal Arts courses required for the Bachelor of Arts degree.

COURSES OF STUDY

The courses of study offered in the college are classified into three groups under which are included the various departments. The groups with their departments are:

GROUP I	GROUP II	GROUP III
Language Group	Social Science Group	Science Group
Dutch	Biblical Literature	Astronomy
English	Education	Biology
French	History	Chemistry
German	Philosophy	Geology
Greek	Psychology	Home Economics
Latin	Political Science	Mathematics
Spanish	Social Science	Physics

1. Every student is required to select a major department from one of these three groups, in which he must make a minimum of 24 credits, not including those required in paragraph 4.

2. The group in which the student selects his major department will be known as his major group. A minimum of 40 credits must be completed in this group, not including those required in paragraph 4.

3. At least 24 hours of work must be selected from the two groups in which the major subject does not fall, not less than 8 hours in any group, no part of which may be satisfied by the subjects required in paragraph 4.

4. The following specific requirements are made of all students for the Bachelor's degree without regard to the department in which his major work is done: In the Freshman year, Rhetoric, 6 hours; Biblical Literature, 4 hours; in the Sophomore year, Argumentation, 4 hours, and Biblical Literature, 4 hours. In each of these two years there is a physical training requirement of 2 hours.

5. In order to graduate, the student must complete 124 hours of credit, and secure a total of 340 grade points (see page 16), including 4 credits in physical training. Of these not more than 24 may be counted in any other department than the major department. At least 72 hours must be in courses beyond those designated as Freshmen courses.

6. The prerequisites, and major requirements for each department are stated under the Course of Instruction for that department.

7. Students for the ministry are advised to do their major work in Group I, and to emphasize especially the Greek and Latin languages. This will place them in line with the expectations of the Theological Seminaries with respect to the preparation of the students whom they receive.

In estimating credits the unit adopted is one hour a week of recitation, or two hours a week of laboratory work, through one semester. The regular work consists of fifteen or sixteen units each semester. No student will be permitted to elect studies aggregating more than sixteen or less than twelve units in any semester without special permission from the Faculty.

PROMOTION

No student who in any semester fails to pass in at least three-fifths of all hours of work which he is taking, with a grade of C or above in one-fifth, will be readmitted to the College except by special vote of the administration, which vote shall be based on some satisfactory work done in the interval, or illness as the cause of failure, or some other exceptional circumstances.

In order for a student to be promoted from the Freshman class to the Sophomore class, he must have passed in College studies amounting to not

less than 20 semester hours, and have secured at least 54 points as indicated by the system of marking given on page 16.

For promotion to the Junior class he must have passed in College studies amounting to not less than 50 semester hours, and have secured at least 136 points.

For promotion to the Senior class he must lack for graduation not more than 36 hours of College work, nor more than 100 points.

STATE CERTIFICATES

In accordance with the law passed by the Thirty-First General Assembly, the State Board of Educational Examiners will grant a five-year first-grade state certificate to each graduate of Central College who has completed certain prescribed work, consisting of Psychology six semester hours, and Education fourteen semester hours. This certificate may be renewed at the end of five years upon proof of three years' successful teaching.

Departments of Instruction

BIBLICAL LITERATURE

I. Life of Christ. A constructive study of the life of Christ, an interpretation of His leading teachings and their application to present-day experience. Required of Freshmen. Second semester, two hours.

II. Life and Teaching of the Apostles. A study of the history of the early church, its development, and the hopes and leading teachings of the apostles. Particular attention will be given to the life of Paul. Required of Freshmen. Second semester, two hours.

III. Old Testament History. A study of the history of the people of Israel as reflected in the Old Testament. The life and work of their great leaders. The meaning of Israel to history. Required of Sophomores. First semester, two hours.

IV. Prophecy. The origin and history of prophecy, its characteristics and ruling ideas and the distinctive messages of its great representatives. Required of Sophomores. Second semester, two hours.

V. Doctrine and Standards. A course in the study of the Reformed Church doctrinal standards will be offered as an elective. This course is designed primarily for the gospel ministry. Two hours.

VI. Selections from the Bible. Selected portions of the literature of the Old and New Testaments which are not much read and chosen according to the needs of the class. Three hours.

VII. The Bible as Literature. A study of some of the Biblical masterpieces from the point of view of literature. Three hours.

Beginning with September, 1921, the work in Bible study will be placed upon a wholly different basis. There will be an independent chair of Bible study, and consequently the above courses are only suggested tentatively, since there will be a complete rearrangement of courses in this department.

BIOLOGY

PROFESSOR LIGGETT

The aim in the courses in Biology is primarily to give the student a systematic appreciation of the living things with which he daily comes in contact. A large part of the instruction is given in the laboratory, where the student is trained in skillful preparation of material, accurate observation, and systematic recording of results by means of notes and drawings.

I and II. General Biology. A course in the fundamentals underlying both animal and vegetable life. The cell, anatomy and physiology of representative plants and animals, and various problems connected with living organisms, are considered. Two class and two laboratory periods per week. First and second semesters. Sophomore year.

III. Invertebrate Zoology. A laboratory course intended to acquaint the student, by means of careful dissections, with representative invertebrate animals, and their relationships. Supplemented by lecture and recitation work.

Prerequisite, Course I and II. One class and two laboratory periods per week, first semester.

IV. Vertebrate Zoology. A laboratory course intended to acquaint the student, by means of careful dissections, with representative vertebrate animals, and their relationships. Special emphasis

is placed on mammals, using the cat as a type. Supplemented by lecture and recitation work.

Prerequisite, Course I and II. One class and two laboratory periods per week, second semester.

V and VI. Human Physiology. An advanced hygiene of the various organs. A text-book course, supplemented by lectures, experimental and microscopic work.

VII. Phanerogamic Botany. An advanced course considering in detail the structure, physiology and relationships of flowering plants. Given alternate years with Course IX.

Prerequisite, Course I and II. One class and two laboratory periods per week, first semester.

VIII. Cryptogamic Botany. An anvanced course considering the structure, relationships life histories and development from lower to higher forms, as illustrated by representative cryptograms.

Prerequisite, Course I and II. Desirable antecedent Course VII. Given alternate years with Course X. One class and two laboratory periods per week, second semester.

IX. Histology. This course deals with the microscopic anatomy of a number of animals and plant tissues. Thorough instruction is given in general biological technique with special emphasis upon the preparation of tissue for microscopic study.

Prerequisite, Course I and II. One class and two laboratory periods per week, first semester. Given alternate years with Course VII.

X. Embryology. Lectures and laboratory work. The course is based largely upon the development of the frog and the chick.

Prerequisite, Course I and II. Given alternate years with Course VIII. One class and two laboratory periods per week, second semester.

CHEMISTRY

PROFESSOR LIGGETT

I-II. Inorganic Chemistry. A general course, emphasizing fundamental principles and practical applications. Three recitations and two laboratory periods per week throughout the year.

Prerequisites, Physics, 1-2 or equivalent. Freshman year.

III-IV. Qualitative Analysis. Two recitations and two laboratory periods throughout the year.

Prerequisites, Chemistry I-II and Mathematics I-II. Sophomore year. Based on modern chemical theories. Includes a thorough study of chemical equilibrium, the chief analytical reactions of bases and acids, drill in equation writing, analysis of salts, ores, minerals, and industrial products.

V-VI. Organic Chemistry. Three recitations and two laboratory periods per week throughout the year.

Prerequisite, Chemistry III-IV. Alternates with VII-VIII. Given 1921-1922.

VII-VIII. Quantitative Analysis. Two recitations and two laboratory periods per week throughout the year.

Prerequisite, Chemistry III-IV. Alternates with V-VI. Given 1922-1923.

IX-X—Household Chemistry. A course in the Chemistry of foods, sanitation, textiles, etc. Two recitations and two laboratory periods per week throughout the year. Credit not to count on a major in chemistry.

Rrerequisite, Chemistry I-II.

XI-XII. Advanced Inorganic Chemistry. A course intended for those expecting to teach or to study chemical engineering. Emphasis is upon

fundamental principles such as chemical equilibrium and energy of reactions rather than upon properties of substances. Smith's Inorganic Chemistry. Three recitations and two laboratory periods per weeek throughout the year. Omitted 1921-22.

XIII. Special Course. Advanced students of exceptional ability will be given opportunity to do special work. This may be done in Advanced Qualitative Analysis, Quantitative Analysis, Organic Preparations, or some other selected branch.

Those majoring in Chemistry should, if possible, include Courses I-VIII.

DUTCH

The courses in the Dutch language and literature are intended to equip those who may be called upon to serve churches that use the Dutch language, and also to serve those who desire to study Dutch for cultural or linguistic reasons. Dutch has great value for the linguist. The factors that make for change in speech are very evident in modern Dutch.

I. Beginners' Dutch. A careful study is made of the Dutch sounds. Pronunciation is given special attention throughout the course. The vernacular of Holland as spoken today is taken as the standard of correctness. Simple idioms are noted as they occur in the reading and are used in class conversation. Three hours per week.

II. This course is a continuation of Course I. Special attention is given to the verb. Practice in rapid and intelligent reading without translation. The spoken language is continually held up before the student as the model which he ought to follow. The Dutch language will be used in the class-room to some extent.

III. Reading and Conversation. The English language will be used only where the explanation

would call for unfamiliar Dutch terms. Reading of some classic of the nineteenth century. Some composition. Three hours per week.

IV. A continuation of III.

Note: If there should be sufficient demand for them, other courses will be added.

ENGLISH

PROFESSOR GRAHAM

I-II. Freshman English. English prose style, based upon theory, given in lectures; upon models found in early and in current literature; upon practice in original work. Required of Freshmen. Three hours per week, first and second semesters.

IIIa-IVa. Argumentation and Debating. Theory of debate; forms of argument and refutation. Practice in making briefs, bibliographies, and in presenting arguments. This course is required of all who would enter intercollegiate debates. To others, it is an elective for two of the required hours in English. Two hours per week, first and second semesters.

IIIb-IVb. The Study of Literature as an Expression of its Time and as Related to History. This course may be elected instead of Course (a) for two of the required hours in English, by all except those for whom that course is a required subject. Two hours per week, first and second semesters.

V-VI. American Literature. History of American literature, assigned readings, intensive study of selections from the best American authors. Three hours per week, first and second semesters. Given in 1921-22.

VII. Victorian Poetry. Extensive study of the poetry of the time with emphasis upon Tennyson and Browning. Three hours per week, first semester. Given in 1921-22.

VIII. English Essays and Essayists. History of the development of the English essay. Class study of the best English essays from the time of Bacon to the present. Three hours, second semester. Given in 1921-22.

IX. Shakespeare and the Drama. History of the English drama from its beginning to the close of the seventeenth century. Three hours per week, first semester. Given in 1922-23.

X. The Novel. Study of the development of the novel from Daniel Defoe to the close of the nineteenth century. Class analysis and appreciation of standard works of English fiction. Three hours per week, second semester. Given in 1922-1923.

XI-XII. Anglo Saxon, Middle English, Language History. This course is intended to give an understanding of and appreciation for the native element in our English language. Required of all who major in English. Three hours per week, first and second semesters. Given in 1922-23.

XIII-XIV. Current Literature. Study of present day fiction, essay, drama, and poetry. Three hours per week, first and second semesters. Given in 1922-23.

XV-XVI. Survey Course in English Literature. English Literature as an expression of its time from Beowulf to the literature of today. Given in alternation with Course V-VI. Three days per week, first and second semesters. Given in 1921-1922.

EDUCATION

PROFESSOR HEEMSTRA

I. History of Education. A general survey of the development of educational aims, methods, tendencies, and institutions through ancient, medieval and modern times, showing especially the relation of the educational movements of the past

to those of the present time. Required of all candidates for the First Grade Teacher's Certificate. Open to Sophomores and upper classmen. Given in 1921-1922. Three hours.

II. Principles of Education. Education considered from the biological, psychological and sociological standpoints. Representative topics: Instincts, habits, heredity, culture epochs, individual differences, suggestion, training of mental and motor activities. Required of candidates for the First Grade State Teacher's Certificate. Prerequisite, Psychology I-II. Given in 1921-1922. Three hours.

III. Methods of Teaching. (a) Theory and observation. General and special methods of teaching, with special reference to the teaching of High School subjects. Also the consideration of problems of discipline and class-room management Observation in the schools of the city. Three hours a week.

(b) Practice teaching. A minimum of seventy hours of practice teaching is required, for which credit will be given on the basis of laboratory periods, that is, two semester hours. Teaching will be provided in the Short Course and the Academy. Required of all candidates for the First Grade State Teacher's Certificate. Prerequisites, I-II. Open to Juniors and Seniors. Given in 1921-1922.

IV. School Supervision. Problems of school organization and administration. Study of school laws. Functions of officials, supervisors, and teachers. Making and administration of course of study. Examination of text-books. Study of discipline; records and reports, and extension of school activities. Open to Juniors and Seniors. Given in 1921-1922. Three hours.

V. Educational Psychology. This course deals

with the mental development of the child. A study is made of the instinctive responses and the mental characteristics of the child at various ages. The mental processes of the child are also studied through practical tests and experiments with children. Prerequisites, I-II. Open to Juniors and Seniors. Given in 1921-1922. Three hours.

VI. Introduction to Experimental Education. A study of the field of experimental education. Also a study of experiments dealing with the analysis of the various types of learning; and also the study of the mental processes involved in certain school subjects, together with a study of tests of attainment in school subjects. Also the performance of various tests. Open to Juniors and Seniors. Education V prerequisite. Three hours. Given in 1921-1922.

VII. Scientific Study of Education. A general study of the problems of education, introducing the student to the sources of information regarding these problems and the methods of studying them. This is the best course with which to begin the study of Education. Open to Sophomores and upper classmen. Given in 1921-1922.

VIII. Social Aspects of Education. A consideration of education as a social process; the relation of the school to the problems of the home, the community, and the state. A study of the extension of school activities. Open to Sophomores and upper classment. Given in 1921-1922. Two hours.

IX. The High School Student. A study of the various facts leading to a clearer understanding of high school pupils. A study of adolescence. The physical development, age interests, and capacities of youth as related to the problems of school work. Open to Sophomores and upper classmen. Given in 1921-1922. Two hours.

X. The High School. A study of secondary education in the United States and other countries. The development and place of the high school in our educational system. Present tendencies in the administration, aim, and methods of the high school. Its relation to the college. Open to Sophomores and upper classmen. Given in 1921-1922. Two hours.

If Education is selected as a major subject, the student is expected to take Psychology I-II, and twenty-four hours in Education, which must include Courses I, II, III, IV, and V.

In accordance with the laws passed by the Thirty-first General Assembly, the State Board of Educational Examiners will grant a five-year First Grade State Teacher's Certificate to each graduate of Central College who has completed certain prescribed work, consisting of Psychology, six semester hours, and Education, fourteen semester hours, including Courses I, II, and III, provided that not more than six semester hours are taken during the first two years of college work. This certificate may be renewed at the end of five years upon proof of three years of successful teaching.

EXPRESSION

MISS JULIA WATSON

Courses for Graduation.

Certificate Course.

Expression	12 credits
Expression, private	8 credits
English	24 credits
Electives	14 credits

Electives may be chosen from: French, Psychology, History.

A student may major in Expression for the A. B. degree. The four extra credits needed in Expression will be given in private instruction.

I-II. Fundamental principles of expression. Vocal principles studied, cultivation of the imagination. Platform deportment; approach and exit; correct standing and movements. The student is taught to think and feel before an audience. Platform recitation for criticism. Two hours a week throughout the year.

III-IV. Vocal principles continued. Flexibility and Power of voice. Study and delivery of different forms of literature with special attention to the dramatic. Detailed study for presentation, before class, of two or more one-act plays with regard to interpretation of character, stage deportment and dramatic action. Two hours a week throughout the year. Course I-II prerequisite. 1921-1922.

V-VI. Study and vocal interpretation of lyric and narrative classical poems and prose narratives and orations. Students required to read entire classic from which selected parts are taken. Study of one of Shakespeare's plays or a modern drama with a view to public presentation. Two hours a week throughout the year. Course I-II prerequisite. 1922-23.

VII. Bible Reading. Study of Bible selections for mental grasp of thought and its expression through the voice. Two hours first or second semester provided there is sufficient demand for it

Public Appearance

All candidates for graduation must appear in one play and during the last year give an evening's recital.

Students are allowed to appear before the public in other recitals when sufficiently advanced to present finished work.

Student recitals will be given once a month to which only Expression students will be admitted.

GREEK

PROFESSOR LEE

1-2. For those who have had no Greek at all before entering College. For the introductory grammar we use White's First Greek Book. Reading of selections from the Anabasis.

I. Xenophon's Anabasis. Reading and constant drill in the grammar. Four hours per week.

II. A Continuation of I. Some composition Four hours per week.

III. Lysias. Reading of selected orations. Four hours per week.

IV. Plato. Apology, Crito and parts of Phaedo Four hours per week.

V. Demosthenes. On the Crown. Four hours per week.

V. Herodotus. Selections from the History of Herodotus. Sophocles. Antigone or Ajax. Four hours per week.

VII. The Greek of the New Testament. Comparison of the Koine of New Testament times and the classical Greek. Two hours per week.

VIII. New Testament and Church Greek. Two hours per week.

GEOLOGY

I. General Geology. The elements of dynamical, structural and historical geology are each considered. Particular attention is given to both the destructive and constructive processes and their resulting formations. Occasional excursions into the country and to the coal mines are made to study these processes. The specimens in the Randolph Geological Museum are constantly referred to to show the typical rock formations and illustrate the successive changes from one geological period to another.

HISTORY

PROFESSOR FIRTH

The department of History aims to give the student a comprehensive knowledge of historical facts, to cultivate the historical imagination, to develop a broadminded sympathy with peoples of races other than our own, and to furnish training in the use of the excellent library which the College posseses.

I. History of Western Europe. From the decline of the Roman Empire to the opening of the Italian Renaissance. Movement of races, the rise of modern languages, struggles of Papacy and Empire, the Crusades, social and industrial conditions. Four hours, first semester. Freshman and Sophomore years.

II. The Renaissance, the Reformation, and the Rise of Absolute Monarchies. A continuation of History I, dealing largely with the artistic, religious, and political events in Europe between the years 1250 and 1648. Four hours, second semester, Freshman and Sophomore years.

III. Europe from 1648 to 1815. The English Revolution, the French monarchy, state of European society, the French Revolution, the Napoleanic era, the Congress of Vienna. Three hours, for those who have had History I and II. Given in 1921-1922.

IV. Europe from 1815 to the Present Time. Readjustments after the Congress of Vienna, growth of nationalism and of constiutional government, progress toward democracy, social and industrial development, the Great War. Three hours. Given in 1921-1922.

V-VI. American History. A survey of American history with special emphasis on certain phases of the subject; such as, the making of the

Constitution, slavery and its consequences, industrial development, America in world politics. Three hours, two semesters. Open to all classes. Given in 1921-1922.

VII-VIII. English History. Saxon England; the Norman Conquest; parliamentary government; the Reformation; political and religious wars; colonial, commercial and industrial expansion; cabinet government; development of democracy and imperialism; Great Britain in the Great War. Three hours, two semesters. Open to Juniors and Seniors. Given in 1922-1923.

IX-X. Ancient History. The civilization of the early eastern nations from Egypt to Persia. Greek history noting especially the artistic, political, and intellectual development of the people. Survey of Roman history with emphasis on the period of the later Republic and the early Empire. Three hours, two semesters. Open to all classes. Given in 1922-1923.

XI. Historical Method. A study of historical criticism. Work in original sources. The writing of history. Three hours, one semester. Open only to those who are majoring in history. Given on demand.

LATIN

PROFESSOR LEE

I. Cicero de Senectute and de Amicitia. Five hours per week first semester. Rapid reading of these treatises, four hours per week. Prose composition and syntax one hour per week. Freshman year.

II. Livy—Books XXI and XXII. Rapidity in reading, with practice in sight reading. Parts of Ovid read and a play of Plautus. Five hours per week, second semester. Reading four hours per week. Prose composition and syntax one hour per week. Freshman year.

III. Horace—Odes and Epodes or Satires and Epistles. Terence's Phormio. Prose composition and syntax. Three hours per week first semester. Sophomore year. Prerequisite, Latin I and II.

IV.—Tacitus—Agricola: Roman Comedy, Plautus or Terence. Prose composition and syntax. Three hours per week second semester. Sophomore year.

V.—Roman Satire—Juvenal. Three hours per week first semester. Prerequisite, III-IV.

VI.—Writing of Latin. Course for advanced students, given for those who expect to teach Latin, with view of developing Latin style. Second semester.

VII. Lucretius—De Rerum Natura. Course in poetry and philosophy for advanced students. First semester.

VIII. Teaching of Latin. A teacher's course for advanced students. Grammar review; special study of Latin syntax; methods of teaching Latin. Second semester.

Note: All of these courses will not be given in a single year.

MATHEMATICS

PROFESSOR PIETENPOL

5a. Higher Algebra. A course in higher Algebra which is equivalent to the third semester Algebra is offered for those not having an entrance credit in this subject and who wish to prepare for Course II. No credit for graduation is counted for this course until Course II has been satisfactorily completed. Credit not to count on a major. First semester. Three hours a week.

6a. Solid and Spherical Geometry. For those not presenting an entrance credit in this subject. Credit not to count on a major. Second semester. Three hours a week.

I-II. Unified Mathematics. A course in elementary Mathematics adapted to the needs of students in the Freshman year. The material covered includes the essential and vital features of the work commonly covered in separate courses in college algebra, trigonometry and analytical geometry. First and second semesters. Freshman year. Four hours a week.

III. Differential Calculus. Theory of limits; higher derivatives; maxima and minima; exponential, circular, and hyperbolic functions; rates, practical applications with special reference to physics. First semester. Sophomore year. Four hours. Prerequisite, Courses I and II.

IV. Integral Calculus. Review and completion of differential calculus; methods of integration; processes of summation; differential equations; graphical calculus and practical problems. Second semester. Four hours.

V. Astronomy. Lectures, text-book work, use of observatory, designed to illustrate facts and theories of astronomy. The equipment is such as to make this course quite complete. First semester. Four hours. Prerequisite, Course I and II.

VI. History and Teaching of Mathematics. Lectures and library work designed to aid those who plan to teach mathematics; survey of the development of mathematics from the earliest times; effect of tradition and of investigation, upon modern courses, methods of presenting the subject. Second semester. Junior year. Four hours.

PHYSICS

I-II. General Physics. This course is divided into two parts (a) and (b). (a) is a theoretical study of the fundamental principles of mechanics, heat, sound, light, and electricity. Numerous experiments are performed before the class illustra-

tive of these principles. Three recitations per week through the year. (b) is a laboratory course in which the student takes up many of the principles studied in (a) and works them out quantitatively. Two laboratory periods per week through the year. Sophomore year. The following courses will be offered as soon as sufficient demand for them arises.

III-IV. Advanced Mechanics. This course is designed for those preparing for engineering courses and deals especially with those principles of mechanics which are most necessary to the engineering course contemplated. Lectures and laboratory work through the year. A knowledge of calculus is essential.

V-VI. Advanced Electricity. This is a course in advanced electricty and magnetism and involves a careful study of the properties of direct and alternating currents, and the types of machinery and instruments used with each. Careful attention is given to the measurements of currents and resistance. A knowledge of calculus is essential for the mathematics involved. The work is designed to fit one for an electrical engineering course. Lectures and laboratory work through the year.

PHILOSOPHY

PROFESSOR HEEMSTRA

I-II. History of Philosophy. The course will seek to introduce the students in as simple and concrete a manner as possible to the distinctive viewpoint and methods of philosophy. Throughout the course attention will be given to the relation of philosophy to other typical interests of life, and the aim will be to help the student to a point of view and method for considering the meaning of the world and human life. Three hours. Throughout year.

III. Logic. An outline course in Logic. A careful examination will be made of the logical value of concepts, judgments, and reasonings as used in scientific procedure. Attention will be given to the bearing of scientific method upon practical problems, and to the cultivation of habits of clear and accurate thinking. Three hours. First semester.

IV. Ethics. The course consists of an outline study of the typical facts of moral life in their genetic relations, and of the conditions and ideals of worthy human conduct. These facts and ideals will be examined as they are found embodied in social life and in individual behavior. It is the purpose of this course to develop in the student high moral standards. Three hours. Second semester.

V. The Philosophy of Religion. This course is an examination of the historical, logical and moral grounds for the acceptance of Christianity. Three hours.

VI. Religious Education. The philosophy, psychology and pedagogy of religious education as the development of the whole personality. Three hours.

PSYCHOLOGY

PROFESSOR HEEMSTRA

I-II. General Psychology. A general course designed as an introductory course to the whole subject. Study of texts, experiments, assigned readings, and lectures. Open to Sophomores and upper classmen. Prerequisite for courses in Education and required for the First Grade State Teacher's Certificate. Given in 1921-1922. Three hours.

III. Educational Psychology. See Education V. Open to Juniors and Seniors. Three hours.

IV. Social Psychology. An interpretation of

human behavior as affected by suggestion, imitation, custom, etc. A study of the social nature of the individual consciousness. Open to Juniors and Seniors. Three hours.

V. Genetic Psychology; Animal. A study of the development of animal intelligence and learning. Open to Juniors and Seniors. Three hours.

VI. Genetic Psychology; Human. Mental and physical development in the individual as traced from infancy up to maturity. Open to Juniors and Seniors. Three hours.

Courses IV, V and VI will be offered to accomodate those majoring in Psychology.

If Psychology is taken as a major, the student is expected to take the above Courses and Courses I-II in Philosophy.

ROMANCE LANGUAGES

PROFESSOR WOODFORD

FRENCH

I-II. The first two or three weeks are given over to an intensive study of phonetics, phonology and the phonetic transcript, based on Cerf's Phonetics. Then the study of grammar is begun. This year Fraser and Squair's Shorter Course has been in use, and Allen-Scholl's French Life served as reader for the beginning. Later on easy classics succeed the reader, comedies like Le Voyage de M. Perrichon or Talbot's Le Francais et sa Petrie.

Courses III and IV. Continue the grammar-work of the first year, laying stress now on the study of the irregular verbs, the subjunctive and the more difficult part of French syntax. The present class uses Olmstedt's grammar as reference book and Francais' Introductory French Prose Composition in the class-room. Lyon and Largent's

reader served for sight-reading and memory-work while some reading was done of such texts as the Contes Blena, La Mere Michel et son chat, Maupassant's Contes Chaisis La Four de la France and other texts. In the second semester the reading is intensified and composition subordinated. This year Saintine's Pircivla and Victor Hugo's Travaillers de la Mer will be read.

V-VI. May be given, if required. French lyric poetry and a study of Lamertine, Victor Hugo Daudet and other classics may be offered.

GERMAN

I-II. Beginning German. A thorough course in the essentials of the German language. The direct method is used and much stress is placed upon conversation. Four hours per week.

III-IV. These courses are intended as a reinforcement of Courses I and II with new material of increasing difficulty constantly added. This year Chiles' Composition has been in use and much stress has been laid on idioms. The text for reading is Josef Schrakamp's Ernstes und Heiteres followed by other texts such as Burg Neiderk, Germalshausen, etc. The Conversational Reader by Voss serves for memory-work and conversation ballads of medium difficulty are interspersed for variety. Special stress is laid on some reading to reinforce class-room work. Each student is required to report on several texts per semester outside the class-room. Etymology, comparative language-study, morphology, and, on the literary side, a study of the land and its people accompany all instructions.

V-VI. These courses are devoted mainly to the reading of the classics, modern, or of the eighteenth century. They are made the basis of careful literary study and textual analysis. They vary

according to the class. Texts that have been read are Scheffel's Trompeter von Sakkingen, Goethe's Ezmont, Fulda's "Dummkapf," Schiller's Glocke and Wilhelm Tell, Maria Stuart, Freytag's Journalisten and similar classics.

VII and VIII. Modern German Classics. A critical and analytical study of such modern German classics as the dramas by Ludwig, Gillparzer or Fulda, or a novel by Heyse. In the second semester the reading and interpretation of German poetry is introduced; next year a semester will be given to Goethe. Conversation in the German language is practiced as much as possible. Three hours per week throughout the year.

German IX-X. This course is especially intended for students who prepare either for the ministry among our German-speaking people, or for teaching the German language. The German language is used exclusively in the class room. Of the four hours weekly, two are used in reading both parts of Goethe's Faust or other classics, and two are devoted to writing of essays and dictations, and exercises in debating and public speaking. (This course presupposes the work or equivalent of Courses I-VIII.)

XI-XII. A continuation of Course IX-X. Klopstock: "Der Messias," or other classics are reac and the principles of Rhetoric studied.

SPANISH

I-II. The grammar in use this year is Espinosa and Allen's Spanish Grammar, accompanied by Espinosa's Reader. About 100 pages of the former and 50 pages of the latter were mastered during the first semester. A reader of somewhat greater difficulty will follow the completion of Espinosa's Reader, perhaps le Espana Pintoresco or selections from Ramsey's Reader. Proverbs and

short poems are memorized throughout the year and the fables of the reader are made the subject of conversation.

III-IV. Umphrey's Composition has been used successfully, accompanied by a thorough review of the grammar. Matzke's and De Vitis' Reader introduced the student to Spanish life and customs and in the second semester collections of short stories were read and Spanish anecdotes committed to memory.

V-VI. To students desiring to pursue Spanish during the third year, a reading course in modern Spanish texts may be offered, such as Galdos' Dona Perfecta, Velda's Hermana de san Sulpiro, El Sombrero de Tres Pirvs and others.

SOCIAL SCIENCE

PROFESSOR FIRTH

I. Economics. An introduction to economic theory. Study of economic terms, wealth, rent, interest, value, etc., with an investigation of the laws which govern economic life. Reports by students on personal study of problems of present economic interest. Three hours, first semester. Open to upper classmen.

II. Sociology. An elementary study of the subject of human relationships. The course includes text-book work, class reports on various topics, and a thesis on some subject which the student has thoroughly investigated. Three hours, second semester. Open to upper classmen.

III. Practical Politics. This course deals with political parties in the United States, makes a study of their platforms, policies, and methods of work, and seeks to lead the student to an intelligent and right-minded citizenship. Two hours, first semester. Open to all students. Given in 1922-1923.

IV. Political Science. An investigation of the nature and functions of the state with a study of the various forms of government. The course includes a study of such subjects as suffrage, citizenship, and whatever pertains to state life. Two hours, second semester. Open to all students. Given in 1922-1923.

V. American Government. The Constitution. The President, Congress, Supreme Court, State Governments. This is a practical course in the government of the United States. Two hours, first semester. Given in 1921-1922.

VI. Comparative Government. A study of the constitutions or governmental organizations of the various nations of the world. Two hours, second semester. Given in 1921-1922.

VOCAL INSTRUCTION

MRS. T. H. LIGGETT

1. Voice. College credit to the amount of eight semester hours may be received for private lessons in voice.

2. Public School Music. There is a constantly increasing demand for teachers and supervisors of Public School Music and it is to meet this demand that Central College offers the following two-years' course.

First Year: Includes Study of the Child Voice; Sight Singing; Subject matter to be used and Methods employed in teaching from Kindergarten through the grades.

Second Year: Includes Subject Matter and Methods in High Schools. Also Music Appreciation; Choral Clubs, Band and Orchestra as related to the work in the Public School.

See more detailed statement under Department of Music.

The Academy

General Information

ADVANTAGES

Central Academy is a first-class secondary school. It is affiliated with the College in spirit and methods of work. It occupies the same grounds, uses in part the same buildings and is under the same general management.

The Academy will thus prove a splendid place for those preparing for college as well as those who, finding it utterly impossible to secure a college education want a well-balanced academic training. It will be a good place for young people of high school age, since they will thus pass their early formative years in the educational atmosphere created by the college and may develop their character in the midst of spiritual influences that will help towards a better life.

Moreover, those who for any reason have temporarily withdrawn from school work, and who, on account of age and other considerations, hesitate to return to the high school, will find Central Academy the place for recovering lost opportunity and will be given all possible aid in securing the desired education.

GOVERNMENT

In the administration of the government of the Academy the aim will be, as in the College, to lead students to regard themselves as responsible for good order. Training in self-government is a part of an academic education. Breach of good academic order will be followed by deprivation of the privileges the Academy offers. Persistent disor-

der, and also persistent idleness, will result in a request to parents or guardians that such students be withdrawn from the Academy. Students leaving the Academy must request honorable dismissal, which is granted only by vote of the Faculty.

ADMISSION

All candidates for admission should present themselves promptly at the opening of the year, with a record of previous work, showing studies taken and the time spent upon the various subjects.

To those asking advanced standing in the Academy credit will be given for previous work done in other similar institutions. All students are on trial and if the class-room work shows poor preparation inadequate for the assigned class, the student will be required to take such reviews and reassignment of standing as may seem best to the Faculty.

REGISTRATION

The days appointed for admission and registration are those indicated in the College Calendar New students should, if possible, present themselves to the Registrar on the first day appointed for the admission of students.

GRADUATION

All graduates or matriculates from the Academy are required to write an oration. The subject of the production must be decided upon not later than April 1st and reported to the Head of the English Department. The completed work must be handed in by May 15th preceding graduation. The production must contain from one thousand to fifteen hundred words.

THE CURRICULUM

1. The whole amount of work required to complete the Academy course consists of 16 units. The following are the uniform requirements:

English	3 units
Algebra	1 unit
Plane Geometry	1 unit
Natural Science	1 unit
History of Civics	1 unit
Electives	9 units

2. The two units of foreign languages must be offered in one language.

The electives may be chosen from Language, History, Science, Mathematics, Domestic Science, Agriculture, Commercial Subjects, History of Music, Harmony, Bible and Expression.

Description of Courses

BIBLICAL LITERATURE

The following courses are offered, subject to a complete revision according to plans that are now being worked out. Academy Bible will be in charge of the Head of the Bible Department, who will soon be elected.

1. **The Pentateuch.** The whole of the Freshman year is devoted to a study of the Pentateuch.

2. **Historical Books.** Required of Sophomores. The first semester covers the period from Joshua to David. The second semester that from David to the return from captivity.

3. Old Testament history studied from the point of view of the prophets.

4. The Poetical books of the Old Testament. First semester. General review of the four years' course. Second semester.

CHEMISTRY

PROFESSOR LIGGETT

1-2. Inorganic Chemistry. Recitation and laboratory work. The aim is to acquaint the student thoroughly with the foundations of chemical knowledge and in the laboratory to familiarize him with the most approved methods of chemical manipulation. Much credit will be given for excellence in laboratory work. Three recitations and two laboratory periods weekly.

DUTCH

1. Beginners' Dutch. A very elementary course. A careful study of the Dutch sounds, especially where they differ from anything we have in English. Considerable conversation, drill in idioms and vocabulary. Reading of simple prose.

2. Beginners' Dutch. A continuation of Course 1.

ENGLISH

MISS DUIKER

Candidates for admission to the English classes of the Academy must present satisfactory credits in eighth grade work or pass an examination. Any student who proves to be deficient in the use of English will be required to take work in grammar in addition to the regular courses.

1-2. English Composition, Grammatical Analysis, Word Analysis. The composition work is given two hours a week during the entire year; the analysis study is given three hours a week through the year. Required Freshman work.

3-4. Rhetoric and the Study of Classics. Rhetoric is studied three hours a week during the first semester and two hours a week during the second semester. The classics in English and American literature are studied twice a week during the first semester and three hours a week during the second semester. Required Sophomore work.

5-6. English Literature. Text—"Twelve Centuries of Prose and Poetry." The historical setting is given in lectures. Required work for the third or fourth year.

7-8. American Literature. History of American Literature and extensive outside reading. Elective.

ACADEMY EXPRESSION

MISS WATSON

I-II. Interpretation of the Printed Page. Short selections studied and the student taught to comprehend while ideas are being spoken. Cultivation of the imagination. Selections memorized and given before class for criticism. Two hours a week throughout the year.

FRENCH

PROFESSOR WOODFORD

1-2. An Elementary Course. A careful study of phonetics and grammar. Written and oral composition. Five hours per week throughout the year.

3-4. Second Year. Bruce French Prose composition is used. Review of grammar. Five hours per week throughout the year.

GERMAN

PROFESSOR WOODFORD

1-2. First Year German. A beginning course. Great stress is laid upon the fundamentals of the language. Grammar, composition, and translation. Five hours per week throughout the year.

3-4. Second Year German. Bernhardt's German Composition is used. The grammar is thoroughly reviewed. A number of texts such as "Immensee," "Wilhelm Tell," "Der Neffe als Onkel," are read. Five hours per week throughout the year.

GREEK

PROFESSOR LEE

Students who wish to specialize in Greek will be given an opportunity to begin this study in the third Academy year provided they have had at least one year of Latin.

1-2. In addition to the usual grammar lessons, some practice in reading real Greek. This year White's First Greek Book is used. Five hours per week.

3-4. Reading of Xenophon's Anabasis. Continuous review of the rudiments of grammar. Some composition and sight reading. Five hours per week.

HISTORY

MISS STEVENSON

The courses in Academy History have been arranged with reference to the requirements of the State Department of Public Instruction. Much of the material in the history section of the library has been selected to meet the needs of students preparing for teaching, as well as to give the general student opportunity to do a high grade of work.

1. Ancient History. A brief review of the oriental nations with a more detailed account of the history of Greece and Rome. Five hours, second semester.

2-3. Medieval and Modern History. From the decline of the Roman Empire to the present time. Five hours throughout the year.

4-5. American History and Civics. Recitations with drill in the use of sources and topical investigations. Five hours per week throughout the year.

LATIN

MRS. PIETENPOL

1-2. Beginners' Latin. A standard text is used throughout the year. Stress is laid upon the fundamentals of the language. Frequent reviews and drills are given. Translation of short selections in the second semester. Three hours per week.

3-4. Caesar's Gallic Wars. Books I to IV. Prose composition, one hour a week. Five hours per week throughout the year.

5-6. Cicero. Orations I, II, III and IV against Catiline, orations in favor of Archias and the Manilian Law. Prose composition, one hour a week. Five hours per week.

7-8. Vergil's Aeneid. Books I to VI. Sight reading and metrical analysis. Review of grammar. Work in mythology given throughout the course. Five hours per week throughout the year.

MATHEMATICS

MISS REEVERTS

1-2. Algebra. This is the beginning course in the study of algebra. Mastery of elementary processes with accuracy and rapidity is the chief aim. First year Academy. Five hours per week throughout the year.

3-4. Plane Geometry. The fundamental propositions of geometry are demonstrated and discussed. Emphasis is laid upon original problems and demonstrations. Prerequisite, Course 1-2. Five hours per week throughout the year.

5. Algebra. A continuation of Course 1-2. Preparatory course for College Algebra. First semester. Five hours per week.

6. Solid Geometry. The course includes the study of lines and planes in space, the polyhedron, cone, cylinder and sphere. Prerequisite, Courses 3-4. Second semester. Five hours per week.

PHYSICS

PROFESSOR PIETENPOL

1-2. Elementary Physics. A thorough course in the elementary principles of physics, consisting of recitations and laboratory work. Three recitations and two laboratory periods throughout the year. The student who registers for this course should have had Courses 1, 2, 3, and 4 in Mathematics.

GENERAL SCIENCE

MISS REEVERTS

1-2. General Science. An introduction to giving a presentation and elementary principles of a wide range of subjects—physics, chemistry, botany, zoology, physiology, physiography, forestry, agriculture and their application to problems of every-day life. Five hours per week throughout the year.

Conservatory of Music

George Francis Sadler, Director

FACULTY

GEORGE FRANCIS SADLER
Piano and Pipe Organ

MRS. T. H. LIGGETT
Voice and Public School Music

CARL WOODFORD
Violin

GENERAL INFORMATION

The Conservatory of Music is especially fortunate, because it is intimately associated with Central College and enjoys all its social, religious and intellectual advantages. As the course of study laid down in colleges and seminaries of learning is not intended to give a knowledge of any one branch alone, but to broaden the student with such an intellectual development as will establish a substantial basis for future attainments, so in the Conservatory the course has been planned with reference to securing that symmetrical development of the musical faculties which is essential to the true musician, whether teacher or artist.

Central Conservatory is persistently advocating the work of preparation for the practical knowledge of the science of musical composition which is necessary to an intelligent appreciation of musical masterpieces.

PIANOFORTE

I. It is essential that the student develop perfect control of the muscles of the fingers, hands and arms, making them responsive to the command of the will. Technical exercises which will bring

about this development are given according to the demands of the individual.

II. Etudes by the best composers and teachers.

III. Ensemble playing. Compositions by ancient and modern composers, aesthetic development.

Information regarding a course in Pianoforte is not easy to give since the course varies more or less for different students, according to their personal needs.

PIPE ORGAN

The organs in the several churches are used by the Conservatory of Music. This affords us the rare opportunity of preparing our students for church organ positions and concert work.

The demand for church organists is very great and special prominence is given to the department of instruction. Practice hours can be arranged for by conferring with the Director. The plan of work provides for thorough training in all that pertains to a mastery of organ, systematic drill in technic, registration, the art of improvisation, accompaniment, etc.

VOICE

We endeavor to carry forward the information and development of the singing voice; not by the so-called method of the Italians, nor that of the Germans exclusively, but by the adoption of what are believed to be the best features of all methods as well as by the use of a discriminating judgment as to any peculiar needs of the particular voice under treatment. Thus we hope to fit our pupils for positions in church choirs, for successful teaching, and in all artistic singing.

PUBLIC SCHOOL MUSIC

See description of course on page 36.

VIOLIN

The course in violin playing is designed to aid the student to acquire, as soon as possible, a smooth singing tone and a capable left hand. The individual needs of the student are considered in the use of teaching material and methods of instruction.

Oportunity for ensemble playing will be given to those sufficiently advanced.

THEORY

The work required in Theory is as follows:

Harmony .....4 semesters
Musical History .....2 semesters
Musical Analysis.....4 semesters

HARMONY

Two Hours Weekly

First Semester. Keys, scales, intervals, formations of triads, chord connection, simple part writing from given basses and sopranos.

Second Semester. Continuation of work of first semester. Chords of the seventh, augmented chords, altered chords.

Third Semester. The suspension, retardation, apoggiatura, anticipation, passing tone, modulation.

Fourth Semester. Single and double chants, German chorals.

MUSICAL HISTORY

Two Hours Weekly

The course treats of the beginning of Music, Greek modes, systems of notation, early Christian music, Troubadours and Minnesingers, rise and progress of Opera and Oratorio, development of forms, romanticism, instrumental development and

the composers for piano and other instruments, the virtuoso, the music drama, the relation of music to the other arts, musical criticism.

Musical History may be taken any time in the course.

ANALYSIS

Two Hours Weekly

Motives, phrases, periods, cadences, accent, rhythm, key relationship, thematic development, the rondo form, the sonata form, analysis of Beethoven's Sonatas, Grand Opera, Oratorio and other works.

COURSES

I. Certificate Course. Two years advanced work in either piano, voice, pipe organ or violin. The full course in Theory (except the last two semesters in Analysis). The equivalent of two years of high school work.

II. Bachelor of Music. Complete Course I and take in addition two years' work in either piano, voice, pipe organ, or violin for the major part. Two years' work in a minor subject (piano, voice, pipe organ, or violin). Piano is required as either the major or minor subject. Complete the course in Theory. Graduation from an accredited high school or academy required and the literary work as prescribed by Central College. See catalog, page 33. Student must give public recitals in the major subject during the Junior and Senior years.

CHILDREN'S DEPARTMENT

Special rates are made in piano to children ten years old and under.

RECITALS

Public recitals are given by the students at which they perform such pieces as are assigned them by their teachers, for the purpose of giving

them ease and self-control in public. Studio recitals are held every two weeks, to which only the music students are admitted.

LIBRARY

The Conservatory has secured a large library of sheet music for the piano and voice department, including all the best works of almost all of the composers of any repute, classical or modern, and a large selection of technical studies. The music is all carefully bound and cared for. This is a great advantage, as it saves the time of both teacher and pupil in being able to obtain what is needed at a lesson and not having to wait to send to a publisher or music house. A small library fee is charged each student and all of the music throughout the course is furnished.

MUSICAL ORGANIZATIONS

Glee clubs, orchestra, quartets and church choir work are open to those who are desirous and capable of doing such work. The positions are secured by competition. Central Conservatory of Music has established a splendid reputation for work in this line and great emphasis is laid upon this phase of the work. Piano students are given ensemble playing throughout the course.

The Business Department

Ada M. Stow, Director

GENERAL INFORMATION

The Business Department is one of the regular departments of Central College. It has ample room and equipment. The Director has had actual experience in the business world and it is the aim to prepare the students for the best positions available. Those studies only are taught which are thought to have real practical value for the students.

In order to be graduated from the Combined Course the applicant must be a person of good character, have proven himself trustworthy, painstaking and industrious while in school, and have no bad habits. He must have maintained an average grade of at least 80 per cent in all the studies in the course and be able to take dictation in shorthand at the rate of 100 words per minute during a five-minute test and 35 words per minute on the machine. These requirements are not unreasonable and any average person should be able to attain them during the course. Every effort will be made by the department to secure a position for graduates, although we cannot guarantee this.

We do not promise a student that he will finish a certain course within a certain time, but we do all within our power to advance him as rapidly as possible. The result rests largely with the student.

It is our hope that our students may not only acquire a high degree of proficiency in their studies, but also that they wil take full advantage of those opportunities which are to be had for character development. It is expected that all students attend the regular chapel exercises of the College and Divine worship once on Sunday. We believe the spiritual life must be developed as well as the mental and physical in order to give to the world the best that we possess.

A certificate is given for graduation from both our bookkeeping and shorthand courses. A fee of $3.00 is charged to cover the cost of the certificate and engrossing.

No student who has not completed at least eight grades of public school work, will be admitted to the Commercial Department.

COURSES OF STUDY

We offer the following courses of study, namely: (1) Regular Business; (2) Shorthand Course; (3) Combined Course.

REGULAR BUSINESS COURSE

The Regular Business Course includes Bookkeeping with Office Practice, Commercial Arithmetic, Commercial Law, Spelling and Penmanship, Business English which includes Letter Writing and Grammar. It requires nine months to complete the course. Students who have taken any study suggested above and can show satisfactory work may substitute other subjects.

THE COMBINED COURSE

There is a constantly growing demand for young men and women who are competent both as bookkeepers and stenographers. We have outlined a course which will furnish a good general business education. It requires from twelve to fifteen months to complete the course. Our course of study is as follows: Commercial Arithmetic, Typewriting and Shorthand, Spelling, Penmanship, Bookkeeping with Business Practice, Commercial Law, and Office training.

BOOKKEEPING

The method of instructing in bookkeeping is individual work. Every student performs his own work independently and his progress depends on his own efforts. The work being individual makes it possible for a student to begin the study at any time and the faster student is not held back by the more backward.

The course begins with the most simple problems, and gradually becomes more complicated, until the student finds himself buying, selling, writing letters and handling cash, checks, notes, drafts, etc. This actual business practice develops a young man or a young woman in a manner that will fit him to safeguard his own property rights as well as to render an effective service to others.

By means of this office practice the student is taught not only to do business for himself but acquires a thorough knowledge of office routine. The bookkeeping is according to the most up-to-date and approved methods in the field of business education.

COMMERCIAL LAW

This is a subject with which we expect our students to become familiar. We insure such thorough instruction as to enable students to understand the general principles of Contracts, Negotiable Papers, Agency, and Insurance and to transact intelligently all legal business pertaining to their own affairs.

OFFICE PRACTICE

This study is important in the development of an all-around business education and in acquiring a thorough knowledge of office routine. It gives the student experience of the most practical kind, not

only in the matter of ordinary correspondence, but also in technical and commercial work. The student is brought into the closest touch with the use of books and papers in actual business.

The Department has a set of Y. & E. files which are used in connection with this course.

SHORTHAND

We teach the Gregg system of Shorthand. It is probably the most simple, most rapid and most widely used of any system in the field today. The first work is a study of the text, mastering the principles and fixing them in the minds of the students. Regular lessons are assigned, and written work is required to be handed to the teacher for examination and criticism. Following the text, comes a study in Dictation, e. g., short stories and other easy matter. Then attention is given to Phrasing, to which heretofore little or no time has been devoted. Following this we devote much time to Business Letters, Legal Terms, Literary Matter, Court Testimony and Reporting. There is an increasing demand for competent stenographers.

TYPEWRITING

Typewriting is becoming more and more essential to the success of an individual in the business world. In almost every office typewriters are used. To be able to obtain a position in modern offices, one must operate a machine rapidly and accurately. This can only be accomplished by careful study. We teach the touch system. We have equipped our department with the best, modern, standard machines. Not only is typewriting indispensable to the stenographer, but in many offices the bookkeeper is expected to be able to make statements, write letters, address envelopes, etc., on the typewriter. For those who desire typewriting as an

elective, we have a brief course, which enables the student to become competent in typewriting while he is completing his bookkeeping.

In connection with the study of typewriting, the students learn how to do Manifolding and Tabulating. They are also assigned dictation and speed drills, and students are trained how to properly take care of their machines.

Other Commercial subjects, such as Commercial Arithmetic, Business English, Penmanship and Spelling, are presented in a way adapted to securing the best results.

1853—Resolution adopted by unanimous vote of a state convention of Baptists to locate an institution of higher education at Pella.
1854—Opening of the Academic Department in temporary quarters in town under the Principalship of Dr. E. H. Scarff.
1856—Central Hall opened for use.
1857—Rev. Elihu Gunn, M. A., D. D., inaugurated as first President.
1858—Mrs. D. C. Stoddard appointed Principal of the Ladies' Department.
First Freshman class entered.
First Literary Society established—reorganized, in 1873, as the Philomathian Literary Society.
1861—Freshman, Sophomore and Junior classes doing regular college work.
1861-2—One hundred and twenty-three professors and students enlisted in the army, over forty becoming officers.
1865—Professor A. N. Currier returned from the war to resume his work in the College.
1866—The trees on the campus were planted.
1870—Ten thousand dollars raised as a beginning for the Endowment Fund.
1871—Rev. Lewis A. Dunn, D. D., elected President.
1872—Organization of the Alethian Literary Society.
1873—Reorganization of the First Literary Society into the present Philomathian Society.
1875—Organization of the Advansonia Literary Society.
1881—On resignation of Dr. Dunn because of failing health, Rev. George W. Gardner, D. D., was elected to the Presidency.
1884—Professor R. H. Tripp served as Acting President.
1885—Rev. Daniel Reed, LL. D., elected to the Presidency.
1886—Dr. Lewis A. Dunn recalled to the Presidency.
Organization of the Biblical Department.
1888—On the death of President Dunn, Rev. S. J. Axtell was chosen as his successor.
1891—Rev. John Stuart, Ph. D., elected President.
Cotton Hall first opened as Ladies' Dormitory.
1893-1901—Erection of the Y. M. and Y. W. C. A. Building.
1895—Rev. A. B. Chaffee, D. D., elected President.
1899-1900—Professor Asa Bee Bush, Ph. D., Chairman of the Faculty.
1900-1909—Rev. L. A. Garrison, D. D., Vice-President and President.
1905—Erection of Jordan Hall of Science.
1905—Elizabeth A. Graham appointed Professor of English.

1906—Erection of Dunn Cottage as home for President.
1907—Rev. S. P. Shaw elected Field Secretary and later Chancellor and served until June 1, 1910.
1909—Dr. Myron W. Haynes secured to lead movement for securing $100,000. Dr. Haynes closed his work December 21, 1910.
1910—John Lewis Beyl, Ph. D., elected Acting President, May, 1910, and served until June, 1911, when he was elected President.
1911—Rec. L. R. Bobbitt elected as Field Secretary. Served until February, 1913, when he resigned to resume his work in the gospel ministry.
1911—Death of Dr. B. F. Keables, for fifty-eight years a member of the Board of Trustees, and for many years its Vice-President.
1914—John Lewis Beyl, Ph. D., resigned Presidency.
John William Bailey, Ph. D., elected President.
1916—The College, after sixty-three years of work under the auspices of the Baptists, was transferred to the control of the Reformed Church in America.
Henry W. Pietenpol, A. M., appointed Professor of Mathematics and Physics.
Frederick S. C. Bosch, A. M., B. D., appointed Professor of Greek; resigned 1919.
Peter Van Beek, A. B., appointed Professor of Latin and Dutch. 1919—Appointed Professor of Greek and Dutch.
Thomas H. Liggett, M. S., appointed Professor of Biology and Chemistry.
Herman L. Brouwer appointed Professor of Voice; resigned 1917.
1917—Rev. B. F. Brinkman appointed Field Secretary; resigned 1920.
J. W. Bailey, Ph. D., resigned Presidency.
Milton J. Hoffman, D. D., elected President.
Miss Nesta Lloyd Williams appointed Professor of Psychology and Education; resigned 1918.
Clarence Cecil Church appointed Professor of History and Social Sciences; resigned 1918.
Miss Louise Stallman, A. B., appointed Instructor in Mathematics; resigned 1918.
Mrs. M. J. Hoffman appointed Professor of Voice; resigned 1919.
Ada M. Stow appointed Director of the Commercial Department.
1918—Jacob Heemstra, A. M., appointed Professor of Psychology and Education.
Miss Gail Humbert, A. M., appointed Professor of History and Social Sciences.
Mrs. Ruth Clarke White appointed Instructor in Home Economics; resigned 1919.
Miss Minnie De Feyter A. M., appointed Instructor in Mathematics. 1919—Appointed Professor of Latin.
1919—Rev. A. Van Arendonk, appointed Field Secretary.
Margaret Van Niewaal Lauterbach, A. B., appointed Professor of Modern Languages; resigned 1920.
Harry De Cook, A. B., appointed Instructor in English and History.
Clara Reeverts, A. B., appointed Instructor in Mathematics.
Mrs. T. H. Liggett appointed Professor of Voice.
Carl Woodford appointed Professor of Violin.
1920—Miss Josepha D. Meinecke, A. B., appointed Professor of Modern Languages.
George Francis Lee, A. M., B. D., appointed Professor of Greek.
Burton H. Woodford, A. M., B. D., appointed Professor of Modern Languages.
Mrs. H. W. Pietenpol, A. B., appointed Instructor in Academy Latin.
Miss Mary Stevenson, A. B. appointed Instructor in Home Economics.

Certificates and Degrees Conferred

June Fifteen, Nineteen Hundred Twenty

Bachelor of Arts

Kenneth L. Bryam
Cornelia Duiker
Dames D. Ellerbrook
Hattie Gezel
Folkert Itsen
George H. Mennenga

Bachelor of Science

Arthur J. Renaud
Florence E. Van Zee

Certificate in Home Economics

Mina De Roos

Academy Certificates

John Henry De Haan
Irene Haan
John J. Kuiken
Leonard Landhuis
Frances Lepeltak
Caroline Pothoven
Christina Scholten
Ruth Henrietta Sikkink
Clarice K. Smith
Alice A. Tysseling
Pearl Tysseling
Jacob Van Wyngarden
Marion Boat
Calvin C. Bosch
Aber M. Klaaren
Cornie A. De Bruin
Herman E. Dirks

Piano Certificates

Mabel Van Donselaar
Gertrude H. Varenkamp
Anna Lucile Cochrane

Commercial Certificates

Henrietta Breuklander
Alice Engelenhoven
Charlottia Groenendyke
Frances V. Jensen
Albert R. Van Heukelom
Josie Vroom
Amy F. Wagner
Lena Lutterman, Bookkeeping
Henry A. G. De Cook, Bookkeeping
Raymond Vanderzyle, Bookkeeping

COLLEGE ROLL

SENIOR

Name	Address
Bogard, Dave	Pella
Borgman, Cynthia	Sioux Center
Eringa, Dora	Running Water, S. D.
Fikse, Henry	Steen, Minn.
Kaldenberg, George	Pella
Kuyper, Helen	Pella
Van Dyk, Peter	Peoria (Pella R. R. No. 5)

JUNIORS

Fox, Ray	Pella
Gosselink, George	Pella
Grandia, Ruth	Pella
Kuiken, Marion J.	Pella
Mokma, Gerald	Holland, Neb.
Rozeboom, Richard	Sioux Center
Vander Stoep, Arie	Maurice
Vander Wal, Ray	Pella
Van Houweling, Gertrude	Pella

SOPHOMORE

Bosch, Calvin	Meekin, Ill.
Buerkens, Gladys	Pella
De Bruin, Cornie	Pella
De Bruin, Marie	Hospers
De Vries, Benjamin	Hickman, Neb.
Doornwaard, Tena	Sioux Center
Dykstra, Fred	Pella
Flikkema, George	Prairie City
Gosselink, Jane	Pella
Klaaren, Aber	Eddyville
Landhuis, Cornelia	Hospers
Neyenesch, Harry	Pella
Pals, Hajo	Thornton

Pettersson, Elsa	Marion, N. D.
Plette, Henrietta	Pella
Reiter, Harvey	Little Rock
Rozendaal, Henry	Lynnville
Sloan, Marjorie	Fairfield
Van Arendonk, Jeanette	Pella
Vander Linden, Frances	Pella
Vander Meulen, Herman	Pella
Vander Meulen, Myrtle	Pella
Vander Myde, Isaac	Morrison, Ill.
Van Emmerik, Cunera	Pella
Van Hettinga, Henry	Oregon, Ill.
Van Houweling, Melvin L.	Pella
Van Niewaal, Orin	Pella
Ver Steeg, Harold	Pella

FRESHMEN

Boland, Ray H	Pella
Colyn, Eulala M.	Browns Valley, Minn.
De Haan, Delwin S.	Pella
De Haan, John H.	Pella
De Koek, Gradus Jno.	Pella
De Vries, Elizabeth	Hickman, Neb.
Dirks, Herman E.	Meservey
Frush, Harriet	Pella
Geenen, Cornelius	Sully
Gosselink, John G.	Pella
Gosselink, Nicholas	Pella
Hoeven, John H.	Pella
Haan, Irene	Pella
Kuiken, John J.	Pella
Kuiken, Peter	Pella
Moss, Effie	Hull
Plette, Lucile	Pella
Pothoven, Carolyn	Pella
Reeverts, Louis John	Pella
Rensink, Leonard	Boyden
Roorda, Angeline	Pella
Rozeboom, Gerrit J.	Sioux Center

Rozeboom, Helen ..... Orange City
Rozendaal, Herman ..... Lynville
Rymes, Arthur ..... Hickman, Neb.
Scholten, Christina ..... Boyden
Schoon, Theodore ..... Little Rock
Sikkink, Ruth ..... Lime Springs
Vander Ploeg, Bert ..... Pella
Van Diest, Albert ..... Prairie View, Kans.
Van Rheenen, Fred ..... Pella
Van Hemert, J. B. ..... Pella
Van Roekel, Gerrit ..... Pella
Van Wyngaarden, Jacob ..... Pella
Van Zante, Anthony ..... Pella
Van Zyl, Helena ..... Hospers
Ver Steeg, Ada Irene ..... Hull

Special

Cole, Henrietta ..... Pella
Nieburg, Antoni ..... Varsseveld, Netherlands

ACADEMY SENIORS

Borgman, Worp ..... Pella
Brummel, Marie ..... Otley
Clement, Cornelia ..... Pella
De Bruin, Edna ..... Pella
De Cook, Nettie P. ..... Pella
De Haan, Reuben S. ..... Pella
De Valois, Reuben ..... Boyden
Doeksen, Marie ..... Hull
Ellscott, Oliver ..... Sully
Gosselink, Martha ..... Pella
Goulooze, William ..... Pella
Hillyer, Lloyd ..... Hiawatha, Kans.
Kooiman, Art ..... Boyden
Mansen, Bernardus ..... Prairie View, Kans.
Ossewaarde, Hester A. ..... Leighton
Ostendorf, Herman ..... Meservey
Ottopoby, James ..... Sioux Center

Reeverts, Edna ..... Pella
Steinkamp, Murray ..... Pella
Vander Kraan, Bertha ..... Pella
Van Zante, Bertha ..... Pella
Ver Ploeg, Ralph H. ..... Pella
Visser, Anna ..... Pella

ACADEMY JUNIORS

Grooters, George ..... Sheldon
Keuning, Celia ..... Otley
Keuning, Theresa ..... Pella
Miller, Nettie ..... Preston, Minn.
Muilenberg, Marie M. ..... Pella
Stuursma, Williams ..... Pella
Van Arendonk, Ardean ..... Pella
Vander Hart, Annette ..... Pella
Vander Hart, Everette ..... Pella
Van Houweling, Gysbert E. ..... Pella
Van Zante, Ada ..... Monroe

ACADEMY SOPHOMORES

Boot, Mabel ..... Mitchellville
Boot, Raymond ..... Mitchellville
De Velder, John ..... Boyden
Grooters, Ben ..... Sheldon
Kamminga, Henry ..... Boyden
Loats, Willamine ..... Belmond
Lowery, Mary Jane ..... Pella
Ossewaarde, Adelee ..... Leighton
Poland, Dorothy ..... Pella
Scholten, Ben ..... Boyden
Sjaardema, Everet ..... Sully
Van Baren, Sarah ..... Monroe
Vande Haar, Marie ..... Leighton
Vander Hart, Cornelius ..... Pella
Vander Pol, Ralph ..... Boyden
Van Diest, Harold T. ..... Prairie View, Kans.
Van Houweling, Avis ..... Pella
Wylie, Harriet ..... Gilman

FRESHMAN ACADEMY

Brower, Frank	Ashton
De Bruin, Grace	Pella
De Hartog, Hilda	Pella
Fennema, Catherine	Pella
Grooters, Jennie	Sheldon
Grooters, Margaret	Sheldon
Holleman, Rachel G.	Springfield, S. D.
Kuyper, Ralph J.	Pella
Marlow, Elbert M.	Sutherland
Meppelink, Mae	Pella
Nollen, Marion	Pella
Stureman, Jennie J.	Pella
Van Arsdale, Pauline	Smithshire, Ill.
Vande Garde, Simon	Boyden
Vande Haar, Glenn B.	Leighton
Van Dellen, Lubbert	Pella
Vander Pol, Veda	Pella
Wilkins, Cornelius	Morrison, Ill.

SHORT COURSE

Grooters, Arie	Sheldon
Hiemstra, Martin J.	Otley
Nollen, Marion	Pella, R. No. 1
Schultz, Lewis Wendell	Reasnor
Van Wyk, Mitchell J.	Hull
Van Wyk, Mitchell L.	Sheldon

COMMERCIAL DEPARTMENT

Boot, Raymond	Mitchellville
Boland, Ray H.	Pella
Borgman, Worp	Pella
Calhoun, Madeleine	Pella
De Cook, Nettie P.	Pella
De Haan, Reuben	Pella
De Reus, Grace	Colfax
De Valois, Reuben	Boyden
Fox, Ray	Pella

Gosselink, Martha ..... Pella
Goulooza, William ..... Pella
Grooters, Arie ..... Sheldon
Grooters, Ben ..... Sheldon
Grooters, George ..... Sheldon
Hiemstra, Martin J. ..... Otley
Hillyer, Lloyde ..... Hiawatha, Kans.
Kaldenberg, George ..... Pella
Kamminga, Henry ..... Boyden
Marlow, Elbert ..... Sutherland
Muilenberg, Marie M. ..... Pella
Nollen, Marion ..... Pella
Ostendorf, Herman ..... Messervey
Ottipoby, James ..... Sioux Center
Rensink, Leonard ..... Boyden
Schultz, Lewis W. ..... Reasnor
Slob, Wm. ..... Sioux Center
Steinkamp, Murray ..... Pella
Stienjes, Joe, Jr. ..... Boyden
Vanderpol, Helen ..... Pella
Van der Wal, Ray A. ..... Pella
Van Diest, Harold ..... Prairie View, Kans.
Van Hemert, J. B. ..... Pella
Van Houweling, Gysbert ..... Pella
Van Rheenen, Fred ..... Pella
Van Rheenen, Minnie ..... Pella
Van Veen, Bessie ..... Pella
Van Wyk, Mitchell L. ..... Sheldon
Van Wyk, Mitchell J. ..... Hull
Visser, Anna ..... Pella
Wylie, Harriet ..... Gilman

MUSIC

SENIORS

Hillyer, Lloyd ..... Hiawatha, Kans.

JUNIORS

Cochrane, Lucile ..... Pella

FRESHMEN

Frush, Harriet ..... Pella
Gosselink, Nicholas ..... Pella
Hoeven, Eleanor ..... Pella
Kuyper, Magdalene ..... Pella
Poland, Dorothy ..... Pella
Smith, Clarice ..... Grand Junction, Colo.
Stoehr, Iva ..... Montrose, Colo.

UNCLASSIFIED

Berends, Tillie ..... Pella
Boat, Bert ..... Pella
Boot, Mabel ..... Mitchellville
Bosch, Calvin ..... Meekin, Ill.
Brooks, Helen ..... Pella
Brooks, Lois ..... Pella
Bruins, Paul ..... Pella
Brummel, Jeanette ..... Pella
Brummel, Marie ..... Pella
Colyn, Eulala ..... Brown's Valley, Minn.
De Bruin, Edna ..... Pella
De Bruin, Marie ..... Hospers
De Bruin, Will ..... Pella
De Cook, Nettie P. ..... Pella
De Haan, Delwin ..... Pella
De Vries, Elizabeth ..... Hickman, Neb.
Doornwaard, Tena ..... Sioux Center
Eringa, Dora ..... Running Water, S. D.
Flikkema, George ..... Prairie City
Frush, Marian ..... Pella
Gaas, Leonora ..... Pella
Gambell, Dorothy ..... Pella
Gosselink, George ..... Pella
Gosselink, John ..... Pella
Grandia, Lois ..... Pella
Grant, Edna ..... Pella
Grandia, Irene ..... Pella
Grooters, Jennie ..... Sheldon

Grooters, Margaret	Sheldon
Grundman, Nell	Pella
Herren, Jessie	Pella
Hesselink, Freda	Pella
Hoeven, John	Pella
Holleman, Rachel	Springfield, S. D.
Kaldenberg, Esther	Pella
Livingston, Wanda	Monroe
Loats, Willamine	Belmond
Lowery, Mary Jane	Pella
Mowe, James	Pella
Mowe, Mildred	Pella
Pettersson, Elsa	Marion, S. D.
Plette, Bertha	Pella
Plette, Henrietta	Pella
Plette, Lucile	Pella
Renaud, Nancy	Otley
Rietveld, Alma	Pella
Rouda, Dora	Pella
Rozeboom, Gerrit J.	Sioux Center
Schippers, Cornelia	Pella
Scholten, Ben	Boyden
Sjaardema, Everett	Pella
Sloan, Marjorie	Fairfield
Steinkamp, Murray	Pella
Stevenson, Mary	Rising Sun, Ind.
Stureman, Raymond	Pella
Terpstra, Sybel	Pella
Toom, Edith May	Pella
Van Arendonk, Ardean	Pella
Van de Kieft, Minnie	Tracy
Vander Meulen, Harold	Monroe
Van der Meulen, Herman	Pella
Vander Pol, Verda	Pella
Vander Stoep, Arie	Maurice
Vander Wal, Robert	Pella
Van Doorninck, Wilma	Pella
Van Niewaal, Orin	Pella
Van Roekel, Louis	Pella

Van Ryswyk, Grace ..... Pella
Van Veen, Bessie ..... Pella
Van Zante, Anthony ..... Pella
Veenstra, Beulah ..... Pella
Ver Ploeg, Cora ..... Pella
Wesselink, Elizabeth ..... Pella
Wylie, Harriet ..... Gilman

PRIVATE EXPRESSION

Buerkens, Gladys ..... Pella
De Bruin, Cornie ..... Pella
Fikse, Henry ..... Steen, Minn.
Gosselink, Martha ..... Pella
Grandia, Ruth ..... Pella
Klaaren, Aber ..... Eddyville
Laudhuis, Cornelia ..... Hospers
Pettersson, Elsa ..... Marion, S. D.
Scholten, Christina ..... Boyden
Stureman, Jennie J. ..... Pella
Vander Ploeg, Bessie ..... Pella
Van Wyngaarden, Jacob .....

SUMMER SCHOOL OF MUSIC, 1920

Ballingee, Leonora ..... Pella
Brooks, Helen ..... Pella
Brooks, Lois ..... Pella
Cochrane, Lucile ..... Pella
Baker, Edith Louise ..... Plymouth
Ellscott, Leonora ..... Pella
Frush, Harriet ..... Pella
Frush, Marian ..... Pella
Gambell, Dorothy ..... Pella
Gosselink, Nicholas ..... Pella
Gosselink, Nina ..... Pella
Grandia, Irene ..... Pella
Grandia, Lois ..... Pella
Grundman, Nell ..... Pella
Heeren, Jessie ..... Pella

Kalendenberg, Esther	Pella
Kuyper, Magdalene	Pella
Livingstone, Wanda	Monroe
Mowe, Mildred	Pella
Plette, Bertha	Pella
Poland, Dorothy	Pella
Renaud, Nancy	Otley
Smith, Fern	Delta, Colo.
Terpstra, Sybil	Pella
Toom, Edith May	Pella
Tysseling, Anna	Pella
Vander Meulen, Herman	Pella
Vander Ploeg, Antoinette	Pella
Vander Ploeg, Bessie	Pella
Vander Pol, Veda	Pella
Van Doorninck, Wilma	Pella
Van Ommen, Dora	Pella
Ver Ploeg, Alonzo	Pella
Ver Ploeg, Cora	Pella
Wesselink, Elizabeth	Pella

SUMMARY OF STUDENTS

College		83
Seniors	7	
Juniors	9	
Sophomores	28	
Freshmen	37	
Special	2	
Academy		70
Seniors	23	
Juniors	11	

Sophomores	18	
Freshmen	18	
Commercial		40
Short Course		6
Music		87
Summer School of Music, 1920		35
Private Expression		12
Total		333
Less Duplicates		109
Net Total		224

General Information

LOCATION

Pella, the home of Central College, is located on the Keokuk and Des Moines division of the Chicago, Rock Island & Pacific Railway. Good connections are made at Des Moines, Oskaloosa and Ottumwa. The city is situated on the divide between the Des Moines and Skunk rivers in one of the most healthful localities in the state. Many strangers have declared it to be the most beautiful city of its size in Iowa. It is a city of homes, with about thirty-eight hundred inhabitants, and is a prosperous and progressive community with paved streets and municipally owned water, light and sewer systems.

The moral atmosphere of the town is good and helpful. Settled by men and women from Holland who were determined to worship God according to their own consciences and to allow others the same privilege, Pella is a place that makes for sober, righteous and Godly living.

GROUNDS

CAMPUS

The College is located in the midst of beautiful grounds. The campus consists of eight acres of lawn and trees nicely laid out. It is situated within the city limits, yet far enough from the business center to assure freedom from noise and fire. It is surrounded by broad streets, thus affording clear sunlight and pure air, and altogether is a most attractive place.

ATHLETIC FIELD

The athletic field is well situated and laid out on the west portion of the campus, and is furnished with an amphitheatre. On this field center the activities of the football and baseball seasons. Good tennis courts are located elsewhere on the campus.

OLD CENTRAL BUILDING

This is the oldest building on the campus, as well as one of the oldest in Pella. It is a brick structure, three stories above the basement. On the first floor is a large assembly room, which is used for the Chapel services, a recitation room and Piano studio. On the second floor are the rooms devoted to the practice organ, Commercial Department, Voice studio, and two for recitation purposes. On the third floor are two rooms well furnished and devoted to the work of the literary societies.

THE LIBRARY

The Library building is a source of pride to all who are interested in the College. It is a fireproof structure built of stone, the exterior coated with kellastone. The main floor, with the exception of the President's office, is devoted to reading and study purposes. The book-lined walls help to create an atmosphere for study. There is a stock room and Librarian's office adjoining the main reading room, while in another part of the building is the reference room, in one end of which is a fireproof vault.

Every square foot of the basement is utilized to good advantage. Besides the large room devoted to the Geological collection, there are three other rooms which afford ample space for magazine files, government documents, and other volumes for which there is not an every-day demand.

The Library itself consists of nine thousand volumes, nearly six thousand of which have been added in recent years. This count excludes all bound magazines, records, reports, etc., no matter how valuable, which number over one thousand. It is classified according to the Dewey system. This recent addition of carefully selected volumes has equipped each department with ample facilities for reference work among the latest publications as well as the standard authorities. The literature section contains about two thousand volumes; history about one thousand nine hundred; science one thousand; Biblical literature about seven hundred fifty; philosophy about seven hundred; social science about five hundred; miscellaneous, one thousand.

GYMNASIUM AND AUDITORIUM

Owing to the energetic action of the Chamber of Commerce of the city of Pella, $40,000.00 was raised last April for the new Auditorium and Gymnasium. Contracts were let for a considerable larger sum in the hope that the balance could be raised during the summer. The exterior of the building is completed. The building is 156 feet long by 70 feet wide, and when completed will be one of the best of its kind in the state. The Executive Committee is working hard to raise money to complete the interior, and there is every reason to hope that they will succeed. This commodious building will answer a long felt need. It will be a real asset to the life of the College.

JORDAN HALL

This hall was erected in 1905 and first used for College work in the fall of 1906. It is three stories high, constructed of fine pressed brick ornamented with Bedford stone and finished throughout in oak.

It was made possible by the splendid gift of the late Deacon Chandler Jordan, of Central City, whose name it bears. The building is modern in every respect. It contains the administration offices and recitation rooms. The laboratories for Biology, Chemistry, Domestic Science and Physics are located in this building.

Biological Laboratory—The Biological Laboratory equipment is ample for thorough, efficient work. It includes Bausch and Lomb microscopes, a Zeiss binocular microscope, a paraffin embedding oven, a Minot rotary microtome, a kymograph and various smaller pieces of apparatus. There is one high power microscope for the use of the instructor in demonstration and research. Microscopic slides for use in the various laboratories are constantly being added to the collection.

Chemical Laboratory—The Chemical Laboratory is located on the third floor and is fitted with forty-eight individual lockers and a fume cupboard. Each locker is provided with such apparatus as the student may need for regular work, apparatus for special work being reserved in the supply room. Analytical balances are provided for work in Quantitative Chemistry. The laboratory has its own gas plant. Water is supplied from the city mains.

Physical Laboratory—The Physics Laboratory occupies two rooms in the basement. Among the pieces of equipment are the two-plate Wimhurst static machine and a six-plate "Toeplar-Hoelz" machine, both the gift of Dr. William King, of New York City. A complete Evans electrical equipment is installed and in operation. A universal projectoscope with all the latest improvements for showing postcards, slides, microscopic slides or opaque material is in the lecture room. Each division of Physics is amply supplied with apparatus for demonstration.

Domestic Science Laboratory—Two rooms in the basement are fitted out for the work in Domestic Science. A complete kitchen equipment for the work in cooking is in one of the rooms, and in the other is a beautiful dining-room outfit and the necessary equipment for the work in sewing. Some of Pella's public-spirited citizens gave liberally to the outfit in this department. The work in chemistry is done in the regular chemistry laboratory.

LADIES' DORMITORY

This building was opened on January 6, 1919. It provides all the comforts of an ideal home, while the atmosphere is distinctively home-like. It is of brick and concrete construction, four stories high, and absolutely fireproof.

The spacious dining room can readily accommodate two hundred and fifty guests at one sitting. Kitchen facilities are wholly adequate. On page 84 appears a more detailed statement in regard to cost for room and board.

The remaining floors are devoted to rooms for the students and teachers. These are single or en suite. They have every convenience that one expects from a building of its character. The Dormitory will accommodate about eighty young women.

BEARD OBSERVATORY

Owing to the generosity of one of Central's strongest supporters the College is now in a position to offer courses in Astronomy. The Observatory is located upon the southwest corner of the Library, an ideal location, as the telescope is well above the surrounding trees and buildings which would interfere with low angle work in case the telescope were mounted nearer the ground.

The telescope with its six and one-half inch lens is one of the largest in the state and gives fine fa-

cility for the study of astronomy. The glass is equatorially mounted and has ten eye pieces. The instrument was manufactured by Albrach Clark & Son.

The stereopticon has an Edison arc lamp. We have over five hundred lantern slides, many of them made from photographs taken by Lick and Yerkes telescopes. The pictures are projected on a screen twelve feet square and the details of the celestial objects are brought out in a most wonderful way. The cost of the slides was over one thousand dollars.

The clock was made by Negus, chronometer maker for the United States Navy, and was secured at a cost of three hundred and sixty dollars.

We also possess a small refracting telescope, elegantly mounted, three and one-half inch lens, four eye glasses, with finder of French manufacture, the gift of Mr. George Little, of Boston, Mass.

Our spectroscope is one of the best; the maker's name, John A. Brashear, gives it the same rank in its field that Clark's name gives to a telescope. It has a diffraction grating 2x4 inches, on which twenty thousand lines are ruled to the inch.

RANDOLPH MUSEUM

The Randolph Geological Museum is now housed in a large, well-lighted room in the basement of the Library. In this room the collection has been arranged to better advantage than was possible in Jordan Hall, where it was previously kept. The collection itself is a most excellent one, and is the gift of the late H. E. Randolph, of Webster City, Iowa. It will remain an imperishable tribute to the interest and liberality of the donor.

DUNN COTTAGE

This is a two-story brick building with modern conveniences, built as a home for the President of the institution. It is named in honor of the late Mrs. J. N. Dunn, a name intimately and honorably associated with Central's history.

CITY LIBRARY

In addition to the College library the Carnegie-Viersen library offers added facilities in the way of equipment in books. In 1906 Mr. Carnegie presented a fine library building to the city and Miss Siebrigje Viersen, one of Pella's public-spirited citizens, gave a fund of six thousand dollars to be used for books. Thus the library was from the first well supplied and at present contains over 6,000 volumes, easily accessible to the students of Central College.

Administration and Government

The aim of the College is to afford students training in self-government and to develop in them responsibility and high regard for personal conduct. Since the Institution offers privileges, a breach of College order means most naturally the taking away of such privileges either in part or altogether, while persistence in wrong conduct will result in dismissal from the Institution.

The student body is represented in all matters affecting the public life of the school by the Student Council, which co-operates with the Faculty, and has the power of making recommendations to it. The idea is that instructors and students be co-workers in the entire life of the College.

REGISTRATION

The first two days of the first semester are given to registration. For the second semester provision is made for registration during the week of the mid-year examination. For registration not completed during the days specified or for any changes in the registration thereafter, a fee of one dollar is required. Students may not change registration or drop a given subject without the consent of the Dean and the instructors whose work is involved.

CLASS ATTENDANCE

Punctuality at the beginning of a semester is especially desirable since the loss incurred by beginning behind one's class cannot easily be repaired. It is assumed that the young men and women will meet promptly and regularly all of their class-room

appointments. If for any valid reason students are compelled to miss a recitation, they are expected to present their reasons to the teacher before the next session. Unexcused absence from the first or last recitation of a given semester, or from the last recitation before, or first after a vacation period, is counted as equivalent to three daily absences.

CLASS STANDING

Each instructor keeps a careful record of the work of each student and reports same to the Registrar at the close of the semester. These are recorded and become a part of the permanent college record. The daily class-room work and the examinations are graded on a scale of 100. The system of marking is as follows:

A, 100 to 94, means excellent and counts 5 points.
B, 93 to 86, means good, and counts 4 points.
C, 85 to 78, means fair, and counts 3 points.
D, 77 to 70, means poor, and counts 2 points.
E, 69 to60, means conditioned, may be made up within one year, and if so, receives passing mark, and counts 1 point. If not made up within this time the condition becomes a failure, and the work must be repeated to count as credit.

F, 59 and below, means a failure, and the work must be taken again to count as credit. The student will not be permitted to continue with the class or to do advanced work in that subject until the work in which the student failed has been satisfactorily done.

EXAMINATIONS

Regular examinations are held at the close of each semester. Students must attend all examinations in the studies they pursue. No student whose work in any study is reported as being incomplete, either because of failure to take the examination

or to do other work required will receive credit for the work in that subject until the course has been completed. This must be done within one year from the date of the original examination. If it is not done within that time the grade becomes a failure and the work will have to be repeated. In case a regular examination is missed the student may, upon presentation of an acceptable excuse, be permitted—to take a special examination. This may also be done in the case of a failure in an examination, provided the instructor deems the student's class work to have been of such a character as to merit another trial. For each special examination of this kind, written permission must be secured from the Dean and a fee of one dollar paid.

For each special examination where a student desires to receive credit in a course in which the work has not been done in class, a fee of one dollar for each hour of credit to be received is charged and written permission must be secured from the Dean. No such examination will be given until the instructor in the subject is convinced that the student has covered the work thoroughly and is entitled to the examination.

RELIGIOUS INFLUENCES

Central College has enjoyed a splendid reputation for thoroughness in mental training combined with high ideals for the religious development of the student. This the authorities are determined to maintain at all costs and will employ every resource to develop young people in the best possible manner, physically, mentally and morally.

All students are expected to identify themselves with some religious congregation in the city and to attend divine worship at least once each Sunday. The entire life and administration of the institution, while avoiding sectarianism, is positively in

favor of the Christian religion. Chapel worship is held each school day, at which all students are expected to be present.

PHYSICAL TRAINING AND ATHLETICS

Every encouragement is given to physical training, with due regard to the proper proportion of time to be given to the development of mind and body. There is a trained resident instructor for men in gymnastics and field athletics; similar training is provided for the women under the direction of a competent instructor. In addition to the regular gymnastic work there is abundant opportunity for outdoor and indoor athletics. Football, baseball, basketball, tennis, and field athletics are regularly maintained. Only bona fide students making at least an average grade of C may represent the College in any intercollegiate athletics. All regularly classified students of the Institution ranking below and including the Sophomore class are required to take two periods per week of regular gymnastic work.

The athletics of the College are under faculty supervision and in immediate charge of a committee on athletics of which the athletic directors are members.

Students Organizations

CHRISTIAN ASSOCIATIONS

In connection with the College are branches of the Young Men's and Young Women's Christian Associations. There are regular weekly meetings for worship, Bible reading and praise, and also for social intercourse. Members of the Faculty are

also connected with the Associations, giving them their personal attention and support.

The Associations conduct Bible and mission study classes as arranged by their committees. To accommodate all, the classes meet at various hours and under trained leaders take up some line of systematic study.

THE CHAPEL

Every morning at 9:30 the entire College assembles for chapel worship. These occasions are devotional in character, and are conducted in such a way as to help the student to realize the meaning and worth of spiritual verities. Interesting and profitable talks are given from time to time. After the chapel service there is usually time for short meetings whenever class or social affairs demand it. Chapel services are an integral part of the life of Central. Attendance is voluntary, but the meetings prove so helpful that a student or teacher never absents himself unless there are good reasons for doing so.

COLLEGE GLEE CLUBS

The two most prominent musical organizations of the College are the Men's and Ladies' Glee Clubs. Membership in each club is open to all departments of the College, but is of a competitive nature. The quality of the voice counts in this work more than a technical knowledge of music.

Both Clubs make extended tours every Spring vacation.

LITERARY SOCIETIES

An important feature of the institution is the work of the Literary Societies, the Philomathian, composed of young men; the Alethian, of young women; the Advansonian, of both sexes; the Adelphic, an organization limited to Academy stu-

dents. All meet weekly, and carry out varied programs of literary work. In society work students receive an important discipline which they can not obtain elsewhere.

Oratorical Association—The College Oratorical Contest Association is the local branch of the State Association. It also has charge of the work done in the new Forensic League, established for the young women of Iowa colleges, and is the organization through which is carried on all intercollegiate debating.

COLLEGE LECTURE COURSE

The Young Men's Christian Association of the College has for many years, maintained a first-class lecture course. It consists of lectures, musical numbers and entertainments. The aim is to secure very high class talent of a type which will be not only of interest, but also of moral benefit to the College community.

STUDENT VOLUNTEER BAND

Central College has always been a strong missionary College and has always laid great stress on missionary work. In the Student Volunteer Band are eighteen active and associate members. This organization meets for prayer and discussion every week. It is peculiarly fitting in this day when the world is becoming one great unit, when modern inventions have caused its dimensions to shrink materially, that students in college should think seriously of answering the urgent needs of the non-Christian world.

STUDENT PUBLICATIONS

The Central Ray—A weekly paper, is published by the students. It serves as a means of literary culture among the students themselves, a medium of communication between alumni and present

members of the College, and a general representative of the interests of the school to the outer world. The Ray has a good list of subscribers at one dollar and thirty-five cents per year.

The Pelican—An annual published successively by each Junior class of the College, sets forth in picture, chronicle and story the life of the year in all departments of the institution and becomes thus an invaluable preserver for after years of the doings and happenings of the "good old college days."

Expenses and Board

A separate booklet has been prepared giving a detailed description of the new Ladies' Dormitory. This booklet, as it contains a plan of every floor, will assist the student in selection of her room. The President will gladly send this booklet on request.

Prices range from fifty dollars up, as will be fully described.

Every young lady coming to Central will be required to live in this building, unless she has relatives in the city, or is working for her room and board. There will be no departure from this rule unless permission is secured jointly from the Dean of Women and the President.

The large dining hall, where board is furnished to both young women and young men, will accommodate at least two hundred and fifty students. By the introduction of up-to-date labor saving devices in the kitchen, as well as by judicious purchasing of provisions in large quantities, the cost of board has this year averaged but four dollars and thirty cents per week.

Reservation of rooms in the dormitory is for the entire semester, and those who once take rooms can release them only by special arrangement with the Treasurer. Applications for rooms may be made to the Matron, Mrs. Carrie Halbert.

Payment must be made in advance at the beginning of each semester.

TUITION

College Tuition per semester—

Ten to sixteen hours	$25.00
Less than ten hours, per hour	2.00
For each additional hour above sixteen	2.00

Academy Tuition per semester—

Ten to twenty hours	$15.00
Less than ten hours, per hour	1.50
For each additional hour above twenty	1.00

Tuition and fees payable in advance.

Probable action by the Board of Trustees at their next session may alter the above figures for tuition.

FEES

Student Intercollegiate Contest Fee, per semester—

For College Students	3.00
All Others	2.50

This fee is required of all but unclassified music students and those taking less than six hours of work and secures admission to all intercollegiate contests.

Laboratory Fees in the College per semester—

Chemistry I and II; IX and X	$6.00
Chemistry III to VIII	7.00
Biology	4.00
Physics	3.00
Cooking	5.00
Millinery	2.00
Sewing	1.50

Laboratory Fees in the Academy per semester—

Chemistry I and II	$5.00
Physics and Agriculture	2.00
Sewing	1.50
Cooking	4.00
Breakage Deposit	2.00

A deposit is required at the beginning of each course in chemistry, any unused portion of which is returnable.

SPECIAL FEES

Special examinations, each study taken in course	$1.00
Special Examination, each study not taken in course, per credit hour	1.00
Certificate from any Department	3.00
Diploma for Bachelor's Degree	5.00

Fees for diplomas and certificates must be paid to the Treasurer by the fifteenth of May, preceding graduation.

If a student desires to take work by the week the charge for tuition is $2.00 per week in any department.

In case a student leaves school after the middle of the semester no refund at all is made. If a student is granted honorable dismissal before the middle of the semester or term, a refund will be made of one-third the amount paid at the opening of the semester or term. In order to secure honorable dismissal the student must make application to the Registrar, who will present the request to the Faculty for action.

A student will not be graduated from any department of the College or receive any diploma or certificate, who has not paid all bills due the College. All accounts must be settled by the fifteenth of May preceding graduation.

TUITION IN THE CONSERVATORY OF MUSIC

Piano, Voice, Pipe Organ, Violin—	
Two lessons per week (private)	$36.00
One lesson per week (private)	18.00
Single lessons	1.25
Harmony, Musical History, Analysis—	
Two lessons per week (in class)	$11.00
Music Rent	2.00
Rent of piano one hour a day per semester	5.00
Rent of practice organ one hour a day per semester	18.00

TUITION IN THE BUSINESS DEPARTMENT

Bookkeeping course per semester	$30.00
Stenographic Course per semester	30.00
Bookkeeping and Stenographic Courses combined	35.00
Typewriting elected by a student in any other course	10.00
Shorthand elected by a student in any other department	10.00
Bookkeeping elected by a student in any other course	10.00
Bookkeeping or Typewriting only	20.00

SELF-SUPPORT

Many of our best students aid themselves financially by obtaining positions of various kinds in the town and College. Living expenses are lower in Pella than in most places, and this factor is of importance to those students who do not have an abundance of financial support.

Emphasis, however, should be laid upon the fact that the ideal arrangement is for a student to have sufficient means to cover the expenses, for that determines that he will be free at all times to pursue

his studies and thus do better work in them. Also such a student will have more time to engage in the extra-curriculum activities of the College, which are essential to the highest all-around development. However, when students support themselves, every effort will be made to secure suitable positions for them.

SCHOLARSHIPS

Honor Scholarships—In accordance with the regulations adopted by the Association of Independent Colleges of Iowa, a scholarship good for full tuition for one year will be granted to the honor student of the graduating class of any accredited high school in the state. The colleges of the Association are agreed that no other honor scholarship will be granted.

PRIZES

The Keables Gold Medal is offered by Mrs. Kate Keables Beard, of Pella, for the best declamation. Open to all students.

The Puritan Drug Company gives a "C" blanket to the player making the best all-around record in football, and a silver cup to the best all-around player in baseball.

The Rhynsburger Prize in Oratory is offered by Mr. and Mrs. H. Rhynsburger to the winner of the local women's oratorical contest. The conditions are the same as for the men's contest.

The Van Houweling Prize in Oratory is offered by Mr. A. B. Houweling to the winner of the local men's oratorical contest given under the auspices of the College Oratorical Association.

This prize consists of a gold medal for the one winning first place and a silver medal for the one winning second place. The winner of first place is to represent the College at the State Oratorical Contest.

The Julia Van Houweling Medals—Mrs. A. T. Van Houweling will offer annually two gold medals for scholarship, one for the College and the other for the Academy. A medal will be awarded to that student in each department who makes the highest grades in course of the academic year.

The Brownell Medal is offered by Mr. Charles Brown and is open to all students of Central Conservatory graduating in the Degree Course whose major subject is piano. The medal is awarded to the one ranking highest in class room work, including all work in theory, and public performance in piano.

The Sadler Medal is offered by George Francis Sadler and is open to all students of Central Conservatory graduating in the Degree Course whose major subject is voice. The medal is awarded to the one ranking highest in class room work including all work in theory and public performance in voice.

SCHOLARSHIPS AND OTHER SOURCES OF AID

The Board of Education assists College students who are preparing for the Gospel Ministry or Missionary work. The full amount of the scholarship is one hundred and sixty dollars plus tuition and room rent. This support is given only when a student actually needs it.

The Board of Domestic Missions offers two scholarships of one hundred dollars each to girls who are preparing for definite Christian service. One of the scholarships is the gift of Mrs. John S. Bussing, of New York City.

The Franklin Reformed Church, of Nutley, New Jersey, of which Harold W. Schenck is pastor, provides two scholarships, the one of fifty dollars offered by the Men's Association of the F. R. C., the other of forty dollars offered by the Young People's Society of the same church.

The Young People's Society of the South Branch, New Jersey, Reformed Church, of which Rev. Marion G. Gosselink is pastor, provides an annual scholarship of fifty dollars for some worthy College student.

The Classical Board of Benevolence assists students in the Academy who are in need of financial aid.

Application for any of the above scholarships should be made to the President.

DR. J. ACKERMAN COLES' BIBLE STUDY PRIZE

Dr. J. Ackerman Coles, a loyal friend of Central, has presented the College with a $500 railroad bond, the interest of which according to the donor is to be devoted towards establishing prizes for Bible study. Three prizes have been established for the Academy and three for the College. The

contest will be in the nature of an examination. Questions will be based upon the work covered during the year, and the contestant will be required to write out five classic chapters of the Bible from memory. The examination will be held the last week in May, and local pastors will act as judges.

CENTRAL COLLEGE AND THE REFORMED CHURCH IN AMERICA

Four years ago when the matter concerning the transfer of Central to the Reformed Church came up there were a few, even leading men, who doubted the wisdom of the move. Today those doubts have all disappeared. It is becoming increasingly evident that this College will play a large part in the life of the Reformed Church. This institution is already a real recruiting ground for the Gospel Ministry and the Foreign Missionary enterprise. Six years ago there were twenty-one students from our Reformed Church homes, today there are one hundred seventy-two. These represent homes and churches in various centers in the west. It is a general rule that one student will attract others, and so the educational interests and life of whole communities will gradually rise to a higher level through the influence of this College.

Central will be a mighty factor in the thorough Americanization of the children and grandchildren of the emigrants from Holland and Germany. The chief aim of the College is not to give special training to any particular calling or profession, but rather to offer to the young men and women the advantages of an education that shall be not only broad and cultured, but serve as an adequate foundation for further special training. The world needs today not narrow men, but broad men, sharpened to a point.

However, Central does not lose sight of the fact that her supreme task is to train men and women whose outlook upon life with all its relationships shall be definitely Christian. It is therefore perfectly natural that many will from year to year enter upon a life work of definite Christian service.

A WORD TO THE FRIENDS OF CENTRAL

Without any doubt there are few friends who watch Central's progress more eagerly than Old Central's Alumni. Though the administration has passed into different hands, and a new circle of friends is being formed, still we shall always look with pardonable pride to the record which her graduates have made and are still making. Central has always stood for the highest ideals of manhood and womanhood. These ideals are now finding expression through hundreds of consecrated lives. Central's graduates have gone into every field of honorable endeavor. They have added to the world's joy, enriched the sum total of human good, and in lifting humanity have brought it nearer God.

Central appeals to the loyalty of her sons and daughters. Many colleges are flourishing today because the alumni gave tangible expression to the debt of gratitude they owed their Alma Mater. There are among Central's sons those who can do the same. What cause can appeal more honorably to a spirit of generosity than the College which laid the foundation for future success? Gratitude prompts such benefactions. This College helped to make your lives worth while. What better thing can you do than to help her continue this work on a still larger scale? The graduates of the New Central are very few in number. They are just beginning life's work, and will give a good account of themselves.

However, Central can justly make her appeal to a far wider circle. The Reformed Church looks to Central to furnish the men and women who will carry on its great mission in the world. Friends east and west rejoice in seeing that their hopes are already being realized. The people in Pella appre ciate the very evident signs of rejuvenation, and

are doing more than their share for a bigger and better Central. Friends far and near are responding in a most encouraging manner. Central looks to the future. She expects you to make the future glorious. We owe a word of appreciation and thanks to all who have so nobly come to our aid. In thanking the many pastors for bringing the claims of this institution to the attention of their congregations we would urge them to continue in this good work.

The President will be pleased to call on or correspond with any who are prompted to do something for this school. In case it is desired one of the following forms or bequest may be used:

I give or bequeath to the Board of Trustees of Central College, located at Pella, Iowa, the sum of $.....to be applied to the endowment.

Or,

I give or bequeath to the Board of Trustees of Central College, located at Pella, Iowa, the sum of $.....to be applied to the building fund.

Or,

I give or bequeath to the Board of Trustees of Central College, located at Pella, Iowa, the sum of $.....to be applied in such a manner as the Board of Trustees may deem most needful.

However, let it not be forgotten that money will not make a College. The most elegant buildings and elaborate equipment may mean no more for the uplift of humanity than the monuments in our cemeteries. A College must express its ideals through the medium of life. That life is the student body. A friend of Central can perform no more worthy service than direct the mind of a boy or girl to the advantages of an education. Second only to that is the service one can render by emphasizing the Christian ideal in education, and directing youth to a college like Central where Christian ideals are foremost.

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